

INDEX TO VOLUME 46

A

ABRON, A. H.: Inflammatory lesions of the upper gastrointestinal tract (ab), March, 298

ABDOMEN
—arteriography in renal and abdominal conditions (ab), O. A. Nelson, Feb., 205

—roentgenography
—advantages of supplemental studies at time of [army] induction (ab), A. C. Galluccio, Jan., 89

—calcified appendices epiploicae as freely mobile bodies in abdominal cavity (a roentgenodiagnostically interesting subsidiary find) (ab), Olaflo Morales, April, 429

—tumors
—lymphangioma: unusual case (ab), C. F. Murbach, E. F. Lewison, and G. A. Deibert, May, 538

—wounds and injuries
—radiology of war injuries. Part I. War wounds of abdomen. D. B. McGrigor and Eric Samuel, Feb., 201

ANORMALITIES. See under various organs

ABRODIL. See Spinal Canal Roentgenography

ACHONDROPLASIA
—chondrodystrophy congenita calcificans; case (ab), Sigvard Jorup, April, 434

—identical twins: achondroplastic dwarfs (ab), S. J. Goodman, April, 435

ACKERMAN, LAUREN V., WILEY, H. M., and LeMONE, DAVID V.: Necrotizing bronchopneumonia: its relation to radiation therapy of cancer of the oral cavity (ab), Jan., 103

ACROCEPHALY
—true acrocephaly with syndactyly. Case report (ab), Bernard N. E. Cohn, March, 294

ACROMEGALY
—joint disease associated with acromegaly (ab), H. Waine, G. A. Bennett, and W. Bauer, March, 305

ACTA RADIOLOGICA (ed.), Leo G. Rigler, April, 411

ADAM, FRANK E., TREVES, NORMAN, FARROW, JOSEPH H., and SCHARNAGEL, ISABEL M.: Clinical effects of surgical and x-ray castration in mammary cancer (ab), March, 312

ADAMS, RALPH, and HOOVER, WALTER B.: Benign tumors of the esophagus. Report of three cases (ab), June, 616

ADAMS, WILLIAM E. See BLOCH, ROBERT G.

ADAMSON, J. D., WARNER, W. P., KEEVIL, R. F., and BEAMISH, R. E.: Tuberculosis in the Canadian army 1939 to 1944 (ab), Jan., 89

ADENOFIBROMA. See Tumors, fibroadenoma

ADOLESCENCE
—conservative management of adolescent slipping of capital femoral epiphysis (ab), Robert D. Moore, Jan., 99

—effect of severe rickets in early childhood on skeletal development in adolescence (ab), Ethel C. Dunham and Herbert Thomas, May, 539

—skull defect and herniation of cerebrum with absence of dura following head injury in adolescence (ab), Wm. S. McCune and Barnes Woodhall, Feb., 193

ADRENALS
—tumors
—hormonal tumors (ab), George F. Cahill, Jan., 95

ADROSINUSITIS. See Sinuses, Paranasal

AD
—roentgenographic observations in age atrophy and osteoporosis of the spine, Gottlieb J. Marum, March, 220

AGGLUTININS
—cold isohemagglutinins: their association with hemolytic anemia and multiple thromboses in primary atypical pneumonia. Brief review of the clinical and laboratory problems involved (ab), William R. Platt and Charles S. Ward, Jr., March, 294

AHLBOM, HUGO: Case of polymyositis treated with roentgen rays (ab), March, 316

AKERHEAD, WALTON R. See McCARTHY, PAUL V.

AKERLUND, ÅKE, and WELIN, SÖLVE: Roentgen diagnosis of malignant tumors within the boundary region between the pharynx and esophagus (ab), April, 422

ALBRIGHT'S SYNDROME. See Bones, diseases

ALIMENTARY TRACT. See Digestive System

ALLIN, HARRY, HEMPELMANN, L. H., Jr., and WOMACK, NATHAN A.: Effect of insoluble radiophosphorus (chromium phosphate) when applied interstitially in the treatment of adenocarcinoma of the mamma in mice (ab), March, 318

ALLIN, WILLIAM E.: Fatigue fracture of the metatarsal. Report of case, March, 276

ALLEN, F. H.: Extrapleural pneumothorax in the treatment of pulmonary tuberculosis. Three-year to five-year follow-up of 48 cases, May, 470

AMEBIASIS
—roentgenological manifestations of amebiasis of large intestine (ab), A. Druckmann and S. Schorr, June, 618

AMENORRHEA
—renal hypoplasia with hydroureter and primary amenorrhea. Report of case (ab), Frank M. Huff and William P. Boger, Jr., June, 625

AMERICAN BOARD OF RADIOLOGY

—examinations, May, 523

ANDERSEN, SIGURD R.: Malignancy of giant cell tumors: study on giant cell tumors and allied affections in bone, with reference specially to their malignancy (ab), June, 620

ANEMIA

—hemolytic
—cold isohemagglutinins: their association with hemolytic anemia and multiple thromboses in primary atypical pneumonia. Brief review of clinical and laboratory problems involved (ab), William R. Platt and Charles S. Ward, Jr., March, 294

ANEMIA, PERNICKS
—gallbladder in patients with pernicious anemia: study of non-visualization and rate of emptying (ab), Edward A. Boyden and John A. Layne, Jan., 94

—localization of gastritis and gastric cancer, especially in cases of pernicious anemia (ab), Johan Torgersen, March, 299

—pernicious anemia and the early diagnosis of tumors of stomach (ab), Leo G. Rigler, Henry S. Kaplan, and Daniel L. Fink, April, 427

ANESTHESIA

—roentgenologic examination of stomach with patient under sodium pentothal anesthesia (ab), H. E. Plenge and J. N. Ross, Jan., 94

ANEURYSM

—arteriography for demonstration of intracranial aneurysms (ab), Robert M. Lowman and Simon D. Doff, Feb., 204

aortic
—value of kymography for differential diagnosis between aneurysm of aorta and mediastinal tumor (ab), Bryan Fabricius, June, 615

pulmonary
—multiple congenital arteriovenous aneurysms in pulmonary circulation (ab), John H. Sisson, George E. Murphy, and Elliot V. Newman, Jan., 92

—peripheral aneurysm (ab), Arne Clausen, Feb., 205

renal
—aneurysm of renal artery (ab), Bernard Levine, May, 542

ANGIOPHONY. See Brain

ANKLE

—roentgenography
—third routine exposure (ab), R. S. Simon, May, 541

ANUS

—congenital malformations of anus and rectum: clinical study (ab), Eugene T. Dmytryk, March, 300

AORTA

—abnormalities
—chronic stridor in early life due to persistent right aortic arch: report of 2 cases (ab), Harold K. Faber, John W. Hope, and Francis L. Robinson, Jan., 92

aneurysm. See Aneurysm, aortic

calcification
—significance of calcification in ascending aorta as observed roentgenologically (ab), James Jackman and Mortimer Lubert, March, 310

AORTIC VALVE

—dextrocardia with situs inversus complicated by chronic rheumatic aortic and mitral endocarditis (ab), George W. Parson, June, 616

APPARATUS. See Roentgen Rays, apparatus

AQUEDUCT OF SYLVIUS. See Brain

ARACHNODACTYLIA

—arachnodactyly (spider fingers) (ab), H. Gray, Feb., 203

ARANA, ROMAN, and ASENO, A.:

Ventriculographic diagnosis of cysticercosis of the posterior fossa (ab), March, 293

ARENDT, JULIAN:

Chronic hypertrophic antrum gastritis (ab), June, 617

Significance of Cannon's point in normal and abnormal functions of the colon (ab), June, 618

ARMS. See Extremities

ARNELL, SIGRID:

Further experience with myelography with abrodil (ab), March, 303

ARTERIES

pulmonary

—method of determining blood pressure in pulmonary artery (ab), Nils Westermark, Feb., 205

roentgenography

See also Aneurysm

—arteriography in renal and abdominal conditions (ab), O. A.

Nelson, Feb., 205

—pathological-anatomical basis of tumor arteriography. In-

vestigation of arterial vessels of hypernephromas and

carcinomas of stomach (ab), Lars Billing and Åke G. H.

Lindgren, March, 311

ARTHRITIS

See also Shoulder; Spine; etc.

—roentgen therapy of arthritides (ab), Ira I. Kaplan, May,

546

—tissue calcification and renal failure produced by massive

dose vitamin D therapy of arthritis (ab), T. S. Danowski,

A. W. Winkler, and J. P. Peters, June, 624

ARTHOGRAPHY. See Jaws; Semilunar Cartilages

ASENO, A. See ARANA, ROMAN

ASPRAY, MELVIN: Calcified hemangiomas of the liver (ab), March, 301

ATLAS AND AXIS

- fracture: review and presentation of data on 8 cases (ab), John J. Hinckley and William H. Bickel, April, 422

ATLEE, Z. J. See VICTOREEN, J. A.

ATOMIC POWER. See Radioactivity

AUB, JOSEPH C. See ROBINSON, LAURENCE L.

AVIATION AND AVIATORS

- aerosinusitis (ab), R. Wesley Wright and Harold M. E. Boyd, Feb., 193
- aerosinusitis: a clinico-roentgenological study (ab), Martin Schneider, April, 422
- aerosinusitis—résumé (ab), Paul A. Campbell, Jan., 87
- experiences with photorontgen method in chest surveys: analysis of 156,000 examinations (ab), Archie Fine and T. B. Steinhausen, June, 612
- parachute fractures (ab), Paul A. Knepper, May, 541

AXEN, OLIVER, and LIND, JOHN: Roentgenologic determination of heart volume in infants. Preliminary report (ab), April, 426

B

BACHMAN, ARNOLD L.: Roentgen diagnosis of knee-joint effusion, May, 462

—and BERSHON, ALBERT L.: Roentgenographic appearance of temporomandibular hydralarthrosis, March, 251

—, SARA, NATHAN O., and MANTZ, HARRY E.: Pleuritic involvement associated with primary atypical pneumonia: roentgenographic and clinical study (ab), Jan., 90

BACKACHE

- low-back pain as presenting symptom of malignant breast tumors (ab), T. D. Cohn and H. Cohn, Jan., 98

BACON, JOHN F., and LEDDY, EUGENE T.: Protection in roentgenoscopy (ab), June, 627

BACTERIA

- action of neutrons on bacteria (ab), F. G. Spear, March, 318
- BAGLEY, E. C.** See BAGLEY, W. R.
- BAGLEY, W. R., and BAGLEY, E. C.:** Stenosis of the sigmoid in the newborn (ab), April, 429
- BAKER, D. E.** See BONNET, WILLIAM L.
- BARRIE, H. J.** See McLAUGHLIN, A. I. G.
- BASS, H. E., and THOMPSON, G. D. CARLYLE:** Incidence of tuberculosis in Japanese-Americans: a study of a homogeneous racial group (ab), May, 532
- BAUER, DONALD deF.:** Einstein type of tricuspid insufficiency: roentgen studies in a case with sudden death at the age of twenty-seven (ab), June, 615
- BAUER, W.** See WAINE, H.
- BAYLIN, GEORGE J.:** Aberrant pancreatic tissue as roentgenologic problem (ab), Jan., 94
- See RUFFIN, JULIAN M.
- BEAMISH, R. E.** See ADAMSON, J. D.
- BECHTEREW'S DISEASE.** See Spine, arthritis
- BEECHAM, CLAYTON T., and MONTGOMERY, THADDEUS L.:** Organization and administration of a gynecologic tumor clinic, with certain observations concerning therapy (ab), March, 313
- BEHRENS, CHARLES F.:** Some roentgenologic considerations pertaining to upper extremity pain (ab), Feb., 209
- BEHRMAN, HOWARD T.** See LEVIN, OSCAR L.
- BEINHAUER, LAWRENCE G.** See FREEDMAN, LESTER M. J.
- BELL, JOSEPH C., HEUBLEIN, GILBERT W., and HAMMER, HOWARD J.:** Roentgen examination of the urinary tract with special reference to methods of examination and findings in individuals with testicular tumors (ab), April, 435
- BENNER, SVEN:** Defects in roentgen tubes demonstrated by gamma-ray photographs (ab), April, 439
- , KJELLBERG, SVEN R., and SJÖSTRAND, TORGYN: On the possibility of studying the function of the heart with the aid of roentgen-cinematography. Roentgen-cinematography combined with electric recordings of the resistance of the cardiac valves (ab), May, 536
- BENNETT, G. A.** See WAINE, H.
- BERIBERI**

 - “beriberi heart” in tuberculous patient (ab), Jason E. Farber and D. K. Miller, Feb., 199

- BERSHON, ALBERT L.** See BACHMAN, ARNOLD L.
- BERTELSEN, ARNE, and WANDALL, H. H.:** Vaso-seminal vesiculography and its clinical application (ab), June, 626
- BESNIER-BOECK DISEASE.** See Sarcoïdosis
- BEZOAR.** See Stomach, foreign bodies
- BICKEL, WILLIAM H.** See HINCHY, JOHN J.
- BILE DUCTS**

 - roentgenography
 - cholangiograms in intrahepatic processes (ab), Paul Rudström, March, 301

- BILIARY TRACT**

 - See also Bile Ducts; Gallbladder; Liver fistula

- BILLING, LARS:** Technic of contrast examination of the sigmoid colon (ab), April, 428
- and LINDGREN, ÅKE G. H.: Pathological-anatomical basis of tumor arteriography. Investigation of the arterial vessels of hypernephromas and carcinomas of the stomach (ab), March, 311
- BINGHAM, JOHN A. W.:** Stress fracture of femoral neck, June, 625
- BIÖRK, GUNNAR:** On the relationship between the heart volume and various physical factors (ab), June, 616
- BIOPSY**

 - sclerosing sarcoma of bone (dangers of biopsy) (ab), James F. Boulton, Feb., 201

- BISHOP, WILLIAM A.** See MARBLE, HENRY C.
- BLADDER**

 - roentgen diagnosis of space-restricting processes in small pelvis (ab), Lennart Walldén, April, 430
 - study of the ureters in bladder neck obstructions, Fay H. Squire and Herman L. Kretschmer, Jan., 32

- CANCER**

 - discussion on radiotherapy of tumors of kidney and bladder (ab), Stanford Cade and F. G. Stebbing, March, 314
 - relationship of epithelial buds to carcinoma of the pelvis of the kidney, ureter and bladder (ab), Albert E. Bothe, Jan., 104

- ROENTGENOGRAPHY**

 - excretory cysto-urethograms (ab), John W. Draper and Joseph G. Sclafani, Feb., 204

- BLAIR, L. G.** See EDWARDS, PETER W.
- BLAST.** See Explosions
- BLASTOMYOCOSIS**

 - tumor of lung due to *Cryptococcus histolyticus* (blastomycosis) (ab), B. A. Dorner, J. Friedlander, F. J. Wiles, and F. W. Simpson, June, 613

- BLOCH, ROBERT G., ADAMS, WILLIAM E., THORNTON, THOMAS F., and BRYANT, J. EDMOND:** Difficulties in the differential diagnosis of bronchogenic carcinoma (ab), Feb., 198
- BLÖNDL, INGOLFUR:** Case of cystic tuberculosis in bone and joint (ab), June, 622
- BLOOD**

 - See Eosinophils; Erythrocytes; Hemopoietic System, etc.

- BLOOD PRESSURE**

 - method for determining blood pressure in pulmonary artery (ab), Nils Westermark, Feb., 205

- BLOOD VESSELS**

 - See also Arteries; Veins
 - production of growth by action of pituitary gland on vascular and hemopoietic systems: interrelationship between lungs and pituitary gland (ab), Robert C. Moehlig, June, 614

- BODNER, HENRY, and MOULDER, MAX K.:** An unusual horseshoe kidney: case report (ab), Jan., 101
- BODY**

 - relationship between heart volume and various physical factors (ab), Gunnar Biörk, June, 616

- BODY SECTION ROENTGENOGRAPHY**

 - fluorescent screen laminograph (ab), Erik Lysholm, March, 312
 - formation of layer images in roentgen diagnosis (ab), C. G. Sandberg and Stig Lindholm, March, 312
 - method for the radiography of superficial layers (superficial tomography by vertical tube motion) (ab), Olle Olsson, March, 311
 - simple apparatus (ab), Percival A. Robin, Feb., 207
 - tomography (ab), J. B. McDougal, Feb., 207
 - two cases of spinal anomaly, best demonstrated by laminography, John H. Gilmore, Richard C. Stauffer, and Lewis G. Jacobs, May, 514

- BOECK SARCOID.** See Sarcoïdosis
- BOGART, FRANKLIN B.** See IMLER, ALLISON E.
- BOGER, WILLIAM P. JR.** See HUFF, FRANK M.
- BOHATYRTSCHUK, F.:** Results of micro-radiography (ab), June, 627
- BONES**

 - See also under names of bones and bone diseases
 - hereditary multiple exostosis. Review of literature and report of case with Horner-Bernard syndrome as complication (ab), Lloyd D. Fisher, Clare Parsons, and Cecil C. Cutting, June, 622
 - infantile cortical hyperostoses: preliminary report on new syndrome (ab), John Caffey and William A. Silverman, May, 538
 - regeneration following osteomyelitis (ab), Laurence H. Mayers, Jan., 95

- CANCER**

 - cystic forms of cancer metastases (ab), Bengt Engfeldt, June, 620
 - skeletal metastases in cancer of breast: study of character, incidence and response to roentgen therapy (ab), Jean Bouchard, June, 628

- DISEASES**

 - See also Osteitis
 - Albright's syndrome (polyostotic fibrous dysplasia with cutaneous pigmentation in both sexes and gonadal dysfunction in females) (ab), Malcolm B. Dockerty, Ralph K. Ghormley, Roger L. J. Kennedy, and David G. Pugh, April, 433
 - bone sarcoma in polyostotic fibrous dysplasia (ab), Bradley L. Coley and Fred W. Stewart, April, 433
 - chronic melioidosis. Case showing multiple lesions of bones, joints and lungs (ab), J. H. Mayer, May, 539
 - cysts. See Bones, cancer
 - echinococcosis
 - echinococcosis (ab), M. Beckett Howorth, May, 539
 - fractures. See Fractures
 - growth
 - cleidocranial dysostosis; case (ab), Helge Eltorm, June, 621

BONES, growth—cont.
 —clidocranial dysostosis—report of case (ab), Fred G. Re-pass, Jan., 96
 —effect of severe rickets in early childhood on skeletal development in adolescence (ab), Ethel C. Dunham and Herbert Thoms, May, 539
 —occurrence and significance of early periosteal proliferation in diaphyses of premature infants (ab), Nils Malmberg, April, 433

MARROW
 —administration of contrast medium in urography via the bone marrow (ab), Lennart Walldén, May, 541
 —plasmocytoma of bone (ab), William Tennent, March, 301

pathology
 —diffuse neurofibromatosis (von Recklinghausen's disease) involving the bulbar conjunctiva. Report of case, with lesions of skeletal system and skin, bodily asymmetry and intracranial involvement (ab), Francisco Pérez Alende, Jan., 87
 —late lesions in caisson disease. Three cases in submarine personnel (ab), C. C. Michael James, June, 621
 —skeletal changes in acute leukoses of children (ab), Olof Brandberg, Jan., 100
 —skeletal lesions in neurofibromatosis (ed), June, 604

tuberculosis
 —unusual bone lesions in an infant, probably osteitis tuberculosa multiplex cystoides, F. Y. Khoo and Y. Yang, March, 263

tumors
 —bone sarcoma in polyostotic fibrous dysplasia (ab), Bradley L. Coley and Fred W. Stewart, April, 433
 —development of sarcoma in bone subjected to roentgen or radium irradiation (ab), C. Howard Hatcher, Feb., 211
 —malignancy of giant cell tumors: study of giant cell tumors and allied afflictions in bone, with special reference to their malignancy (ab), Sigurd R. Andersen, June, 620
 —multiple cavernous hemangioma of the skin, brain and skeleton: report of case treated by roentgen rays and observed for 7½ years (ab), Ernst A. Pohle and Elizabeth A. Clark, March, 315
 —multiple chondromata: unusual case, Ramsdell Gurney and Louis Cohen, Jan., 48
 —reticulum cell sarcoma (ab), Thomas Rosendal, June, 620
 —roentgen treatment and course of cure of giant cell tumor (10-12 years' cure) (ab), Gösta Jansson, April, 438
 —round cell tumor resembling Ewing's tumor (ab), Robert J. Reeves, March, 313
 —sclerosing sarcoma (dangers of biopsy) (ab), James F. Brailsford, Feb., 201

BONNET, WILLIAM L., and BAKER, D. R.: Diagnosis of pectoral planus by x-ray, Jan., 36

BOOK REVIEWS
 Archer, Vincent W. *The Osseous System. A Handbook of Roentgen Diagnosis*, Jan., 81
 Barnard, W. G., and Robb-Smith, A. H. T., editors. *Kettle's Pathology of Tumors*, Feb., 187
 Bradford, F. Keith, and Spurling, R. Glenn. *The Intervertebral Disc, with Special Reference to Rupture of the Anulus Fibrosus with Herniation of the Nucleus Pulposus*, Jan., 82
 Casperson, Torbjörn, and Santesson, Lars. *Studies on Protein Metabolism in the Cells of Epithelial Tumours*. *Acta Radiologica Supplement LXVI*, June, 606
 Denstad, Torfinn. *The Radiosensitivity of Bone Marrow*. *Acta Radiologica Supplement LII*, May, 526
 Ebenius, Bertil. *Cancer of the Lip. Clinical Study of 778 Cases with Particular Regard to Predisposing Factors and Radium Therapy*. *Acta Radiologica Supplement XLVIII*, June, 607
 Edling, Nils P. G. *Urethrocystography in the Male with Special Regard to Micturition*. *Acta Radiologica Supplement LVIII*, April, 417
 Egeset, Arne. *Cerebral Angiography with Perabrodil (Carotis Angiography)*. *Acta Radiologica Supplement LVI*, April, 417
 Farrell, John T., Jr. *Roentgen Diagnosis of Diseases of the Gastro-Intestinal Tract*, May, 525
 Glasser, Otto. *Dr. W. C. Röntgen*, Feb., 186
 Höber, Rudolf. *Physical Chemistry of Cells and Tissues*, Feb., 187
 Hemans, John. *Textbook of Surgery*, March, 287
 Hultberg, Sven. *Untersuchungen über die Röntgenhahnenstrahlung. Eine Studie über physikalische Leistungen und klinische Ergebnisse mit dem Philips Metalix-Nahstrahl-Therapie-Apparat*. *Acta Radiologica Supplement LIV*, May, 526
 Kjellberg, Sven Rolland. *Hystero-Salpingo-Pelvigraphie*. *Acta Radiologica Supplement XLIII*, April, 416
 Krebs, Carl, Thordarson, Óskar, and Harbo, Johannes. *Experiments with Mammalian Sarcoma Extracts in Regard to Cell-Free Transmission and Induced Tumor Immunity: Further Studies of the Krebs-Rask-Nielsen, Wagner Sarcoma*. *Acta Radiologica Supplement XLIV*, May, 525
 Major, Ralph H. *Classic Descriptions of Disease, with Biographical Sketches of the Authors*, Feb., 188
 Nordenfors, Jens Munck. *The Value of the Barium Enema in the Diagnosis and Treatment of Intussusception in Children, Illustrated by About Five Hundred Danish Cases*. *Acta Radiologica Supplement LI*, April, 416
 Röden, Sture. *On Cancer of the Breast, with Special Reference to the Results of Different Methods of Treatment*. *Acta Radiologica Supplement LVII*, April, 417

Schwedel, John B. *Clinical Roentgenology of the Heart*. *Annals of Roentgenology*, Vol. XVIII, March, 287
Steiner, Ragnar. *Renal Tuberculosis and Roentgenologic Examination. A Survey and a Comparison Between the Efficiency of Different Diagnostic Methods in Sixty Cases of Surgical Renal Tuberculosis, with a Special View to the Roentgenologic Diagnostic*. *Acta Radiologica Supplement LIII*, April, 417
Stokkeland, Eivind. *Radiotherapy in Actinomycosis*. *Acta Radiologica Supplement L*, May, 525
Strandqvist, Magnus. *Studien über die kumulative Wirkung der Röntgenstrahlen bei Fraktionierung. Erfahrungen aus dem Radiumhemmet an 280 Haut- und Lippenkarzinomen*. *Acta Radiologica Supplement LV*, May, 526
Torgersen, Johan. *The Muscular Build and Movements of the Stomach and Duodenal Bulb, Especially with Regard to the Problem of Segmental Divisions of the Stomach in the Light of Comparative Anatomy and Embryology*. *Acta Radiologica Supplement XLV*, April, 416
Waters, Charles A., Firoz, Whitmer B., and Kaplan, Ira I., editors. *The 1945 Year Book of Radiology*, Feb., 186

BOOKS RECEIVED
 Fey, Bernard, and Truchot, Pierre. *Urographie intraveineuse*, March, 286
 Forsberg, Arne G. *Studien über einige biologische Wirkungen der Röntgen- und γ -Strahlen, insbesondere am Phycomyces blakesleeanus*. *Acta Radiologica Supplement XLIX*, April, 416
 Fraenkel, Marta, editor. *II^e Congrès International de Lutte Scientifique et Sociale Contre le Cancer*, Bruxelles 20-26 Septembre 1936, *Travaux scientifiques*, Jan., 81
 Selected Papers from the Royal Cancer Hospital (Free) and the Chester Beatty Research Institute, Vol. III, 1941-1942, April, 416
 Steindler, Arthur, and Marxer, Louis. *Traumatic Deformities and Disabilities of the Upper Extremity*, June, 606
 Tiscornia, Rodolfo E. *El torax radiológico del niño en las enfermedades infecto-contagiosas*, June, 606
BORAK, J.: *Tendogenetic disease and its treatment with x-rays* (ab), Feb., 208
BORRELLI, FRANK J., and GREEN, GEORGE G.: *Renal rickets—case report* (ab), March, 303
BOTHE, ALBERT E.: *Relationship of epithelial buds to carcinoma of the pelvis of the kidney, ureter and bladder* (ab), Jan., 104
BOUCHARD, JEAN: *Skeletal metastases in cancer of the breast: study of the character, incidence and response to roentgen therapy* (ab), June, 628
BOYD, HAROLD B. See de LORIMIER, ALFRED A.
BOYD, HAROLD M. E.: *Congenital atresia of the posterior nares. Descriptions of techniques used in meeting the operative difficulties and report of case* (ab), March, 293
 —See WRIGHT, R. WESLEY
BOYDEN, EDWARD A., and LAYNE, JOHN A.: *The gallbladder in patients with pernicious anemia: study of non-visualization and rate of emptying* (ab), Jan., 94
BRAESTRUP, CARL B.: *Protection measurements of lead-shielded radium*, April, 385
BRAILSFORD, JAMES F.: *Sclerosing sarcoma of bone (dangers of biopsy)* (ab), Feb., 201

BRAIN
 See also Dura Mater
abnormalities
 —congenital absence of the septum pellucidum associated with internal hydrocephalus, William P. Savain, March, 270
 —diagnosis and treatment of strictures of aqueduct of Sylvius (causing hydrocephalus) (ab), Walter E. Dandy, June, 612
 —mid-line anomalies of brain: their diagnosis by pneumoencephalography, Arthur P. Echternacht and John A. Campbell, Feb., 119
blood supply
 —cinematography in cerebral angiography (ab), Olov F. Holm, May, 531
cysticercosis
 —ventriculographic diagnosis of cysticercosis of posterior fossa (ab), Roman Arana and A. Asenjo, March, 293
hernia
 —skull defect and herniation of cerebrum with absence of dura following head injury in adolescence (ab), Wm. S. McCune and Barnes Woodhall, Feb., 193
roentgenography. See also other headings under Brain
 —observations on presence of subdural gas after pneumoencephalography, L. W. Paul and T. C. Erickson, Feb., 139
tumors
 —diagnostic use of radioactive common salt (ab), Gunnar Sohrne, Feb., 207
 —multiple cavernous hemangioma of skin, brain and skeleton: report of case treated by roentgen rays and observed for 7½ years (ab), Ernst A. Pohle and Elizabeth A. Clark, March, 315
BRANDBERG, OLOF: *Skeletal changes in the acute leukoses of children* (ab), Jan., 100
BRANDEL, ENAR: *Two cases of internal biliary fistulae* (ab), June, 619

BREAST
cancer
 —clinical effects of surgical and x-ray castration (ab), Frank E. Adair, Norman Treves, Joseph H. Farrow, and Isabel M. Scharnagel, March, 312

BREAST, cancer—cont.

- effect of insoluble radiophosphorus (chromium phosphate) when applied interstitially in the treatment of adenocarcinoma of mamma in mice (ab), Harry Allen, L. H. Hempelmann, Jr., and Nathan A. Womack, March, 318
- effects of roentgen radiation on thymonucleic acid content of transplantable mammary carcinomas (ab), Robert E. Stowell, Jan., 106
- energy absorption [integral dose] in the trunk in the radium treatment of breast cancer by interstitial and surface applicator methods, C. W. Wilson, April, 364
- irradiation in carcinoma (ab), Roy G. Giles, Jan., 103
- low-back pain as presenting symptom (ab), T. D. Cohn and H. Cohn, Jan., 98
- response to preoperative irradiation as clue to management (ab), Leo M. Levi, May, 542
- skeletal metastases in cancer of breast: study of character, incidence and response to roentgen therapy (ab), Jean Bouchard, June, 628
- value of orchietomy in treatment of carcinoma of male breast, T. Leucutia, May, 441
- inflammation
- roentgen therapy as an adjunct in management of acute postpartum mastitis (ab), Roger A. Harvey, Howard A. Spindler, and Andrew H. Dowdy, Feb., 209
- Page's disease
- with special reference to its course and treatment (ab), Karen Lübschitz, May, 543
- tumors
- adenofibrosarcoma mammae, Norwegian Radium Hospital's material 1932-1942 (ab), Rolf B. Engelstad and Rolf Weyde, April, 437
- BREM, THOMAS H., and COHN, HAROLD A.: Paragonimus westermani: a case report, May, 511
- BRODERS, ALBERT C. See FIGI, FREDERICK A.
- BRONCHI
- cancer. See Lungs, cancer
- roentgenography. See also Tuberculosis, Pulmonary, roentgenography
- bronchography as diagnostic aid in chest disease (ab), George S. McReynolds, Jr., and Fred W. Shelton, Jan., 88
- roentgenology of draining bronchi from tuberculous cavities, Mortimer R. Camiel, Jan., 24
- BRONCHIECTASIS
- non-disabling bronchiectasis, Archie Fine and T. B. Steinhausen, March, 237
- BRONCHOPNEUMONIA
- necrotizing bronchopneumonia: its relation to radiation therapy of cancer of oral cavity (ab), Lauren V. Ackerman, H. M. Wiley, and David V. LeMone, Jan., 103
- BRONZE STAR MEDAL
- awarded to Dr. Lauriston S. Taylor, Jan., 81
- BROWNE, DONOVAN C. See MCHARDY, GORDON
- BRYAN, LLOYD (obit), April, 414
- BRYANT, J. EDMOND. See BLOCH, ROBERT G.
- BUCKLEY, E. JAMES: Pellegrini-Stieda disease (ab), March, 304
- BURNS
- See also Cathode Rays
- mechanism of shock from burns and trauma traced with radiosodium (ab), Charles L. Fox, Jr. and Albert S. Keston, April, 440
- BUSCHKE, FRANZ, and CANTRIL, SIMEON T.: Irradiation failures in early cervical cancer. Improved radiation or return to surgery? (ab), May, 543
- BUTLER, ALLAN M. See TALBOT, NATHAN B.
- BUTLER, ROBERT W. See RILEY, EDWARDS M.
- BYSSINOSIS
- pneumoconiosis due to cotton dust (byssinosis): case report, Paul V. McCarthy and Walton R. Akenhead, Jan., 46

C

- CADE, STANFORD, and STEBBING, F. G.: Discussion on the radiotherapy of tumours of the kidney and bladder (ab), March, 314
- CAFFEY, JOHN, and SILVERMAN, WILLIAM A.: Infantile cortical hyperostoses: preliminary report on a new syndrome (ab), May, 538
- CAHILL, GEORGE F.: Hormonal tumours of the adrenal (ab), Jan., 95
- CAISSON DISEASE
- late bone lesions. Three cases in submarine personnel (ab), C. C. Michael James, June, 621
- CALCANEUM
- abnormality of calcaneum as cause of painful heel. Its diagnosis and operative treatment (ab), A. Fowler and J. F. Philip, March, 305
- CALCIFICATION
- See also Aorta; Mitral Valve; etc.
- “metastatic” calcification in soft tissues of legs in osteitis deformans: case report (ab), Bernard Seligman and Louis Nathanson, June, 624
- tissue calcification and renal failure produced by massive dose vitamin D therapy of arthritis (ab), T. S. Danowski, A. W. Winkler, and J. P. Peters, June, 624
- CAMIEL, MORTIMER R.: Roentgenology of draining bronchi from tuberculous cavities, Jan., 24
- Roentgenology of massive conglomerate lesions of silicosis (ab), April, 425
- Tuberculous arthritis of the shoulder, June, 569
- CAMPBELL, JOHN A. See ECHTERNACHT, ARTHUR P.
- CAMPBELL, PAUL A.: Aeriosinusitis—a résumé (ab), Jan., 87
- CANCER
- See also Sarcoma; Tumors; and under names of organs
- cancer research, Committee on Growth, of the National Research Council, Jan., 80
- implications from studies with physical carcinogens (ab), Paul S. Henshaw, April, 440
- organization and administration of gynecologic tumor clinic, with certain observations concerning therapy (ab), Clayton T. Beecham and Thaddeus L. Montgomery, March, 313
- problems of cancer biology (ab), R. R. Spencer, Jan., 102
- metastases. See also Bones, cancer
- effect of deep x-rays on peritoneal metastases of ovarian carcinoma (ab), James Watt, Jan., 104
- “Krukenberg tumors.” Roentgen and gastroenterological aspects of secondary ovarian carcinoma (ab), Robert M. Lowman and Samuel D. Kushlan, March, 306
- multiple
- multiple carcinomas. Case of 4 consecutive primary carcinomas with apparent cure (ab), C. A. Holland, April, 438
- roentgen therapy
- experiences with roentgen rotation therapy (ab), Lars Edling, April, 439
- therapy
- discussion on post-war organization (ab), E. Rock Carling, George F. Stebbing, John R. Nuttall, et al., Jan., 102
- CANDEL, SAMUEL: Varicose veins of the upper extremity. Report of two cases (ab), March, 311
- CANNON'S POINT. See Colon
- CANNULA
- x-ray studies in hysterosalpingography, using a new cannula (ab), A. P. Hudgins, Jan., 101
- CANTRIL, SIMEON T. See BUSCHKE, FRANZ
- CARBON TETRACHLORIDE
- carbon tetrachloride poisoning. Report of 20 cases with one death (ab), S. M. Dillenberg and C. M. Thompson, June, 613
- CARDENAS, L., and WEATHERWAX, J. L.: New method of making radon ointment, April, 381
- CARDIA. See Stomach
- CARDIOVASCULAR SYSTEM
- diagnostic use of radioactive common salt (ab), Gunnar Sohrne, Feb., 207
- gastro-intestinal disorders simulating circulatory disease and vice versa (ab), Franz M. Groedel, Jan., 93
- CARLING, E. ROCK, STEBBING, GEORGE F., NUTTALL, JOHN R., et al: Discussion on post-war organization for the treatment of cancer (ab), Jan., 102
- CASTRATION
- See also Ovary
- value of orchietomy in treatment of carcinoma of male breast, T. Leucutia, May, 441
- CASTRONUOVO, JOHN J.: Renal osteodystrophy. Report of a case of unusual pathogenesis (ab), Feb., 201
- CASWELL, H. T. See ROSEMOND, G. P.
- CATHODE RAYS
- superficial “burns” of skin and eyes from scattered cathode rays, Laurence L. Robbins, Joseph C. Aub, Oliver Cope, David G. Cogan, John L. Langohr, R. W. Cloud, and Oliver E. Merrill, Jan., 1
- CAYER, DAVID. See RUFFIN, JULIAN M.
- CECUM. See Intussusception
- CELLS
- cellular dynamics in intestinal mucosa: effect of irradiation on epithelial maturation and migration (ab), Nathan B. Friedman, May, 537
- studies in vitro on cellular physiology. Effect of x-rays on survival of cells, Robert Schrek, April, 395
- CEREBROSPINAL FLUID
- pantopaque myelography: results, comparison of contrast media, and spinal fluid reaction (ab), William G. Peacher and Robert C. L. Robertson, March, 303
- CEREBROSPINAL FLUID
- pantopaque myelography: results, comparison of contrast media, and spinal fluid reaction (ab), William G. Peacher and Robert C. L. Robertson, March, 303
- CESTUM. See Brain
- CHEST. See Thorax
- CHILDE, ARTHUR E.: Rôle of the x-ray in the diagnosis of posterior herniation of the intervertebral disc (ab), April, 431
- CHILDREN
- See also Infants
- calcification of intervertebral discs in childhood (ab), H. Stephen Weens, Jan., 97
- effect of severe rickets in early childhood on skeletal development in adolescence (ab), Ethel C. Dunham and Herbert Thoms, May, 539
- gastric and duodenal ulcers in infancy and in childhood (ab), Edward J. Donovan and Thomas V. Santulli, Jan., 93
- intussusception in children: spontaneous reduction and sources of error in its diagnosis (ab), Hans Hellmer, April, 428
- obstruction of the ureter in children (ab), Charles J. Kickham, April, 436
- obstructive pulmonary emphysema associated with pneumonia in childhood (ab), Jerome S. Leopold and Emil A. Kratzman, May, 534
- primary coccidioidomycosis: possible pediatric problem (ab), Ralph H. Kunstadter and Robert C. Pendergrass, Jan., 90
- roentgen changes associated with pancreatic insufficiency in early life, Edward B. D. Neuhauser, April, 319
- roentgenological changes in lead poisoning (ab), Stig Radner, March, 305

(ab), Jan., 87
of organs
National Re-
cinogens (ab),
c tumor clinic
(ab), Clay-
mery, March,
Jan., 102
es of ovarian
oenterological
(ab), Robert M.
306
primary carci-
nd, April, 438
y (ab), Lars
Rock Carling,
Jan., 102
er extremity.
a new cannula
Z
cases with one
ompson, June,
new method of
(ab), Gunnar
ditory disease
93
, NUTTALL,
ganization for
oma of male
y. Report of
201
tered cathode
Oliver Cope,
Cloud, and
of irradiation
t of x-rays on
m. G. Peacher
the diagnosis of
c (ab), April,
ood (ab), II.
etal develop-
and Herbet,
childhood (ab),
, Jan., 93
duction and
ellmer, April,
les J. Kick-
1 with paen-
and Emil A.
tric problem
Pendergrass,
sufficiency in
19
Stig Radner,

CHILDREN—cont.
—skeletal changes in acute leukoses of children (ab), Olof Brandberg, Jan., 100
—varices of esophagus in children (ab), C. J. Hansson, March, 298

CHOANAE. See Nose

CHOLECYSTOGRAPHY. See Gallbladder, roentgenography

CHOLELITHIASIS. See Gallbladder, calculi

CHOLESTEATOMA. See Tumors, cholesteatoma

CHONDRODYSSTROPHIA. See Achondroplasia

CHONDROMA. See Tumor, chondroma

CHRISTIANSEN, HARALD: Some practical hints on the performance of urography on infants (ab), June, 626

CHROM, S. A.: On the incidence of osteochondrosis (ab), June, 622

—See THOMSEN, GREGERS

CHROMIUM PHOSPHATE (RADIOPHOSPHORUS). See Radioactivity

CINEMATOGRAPHY
—in cerebral angiography (ab), Olov F. Holm, May, 531
—on possibility of studying the function of the heart with the aid of roentgen-cinematography. Roentgen-cinematography combined with electric recordings of resistance of cardiac valves (ab), Sven Benner, Sven R. Kjellberg, and Torgny Sjöstrand, May, 536
—roentgen cinematography as routine method (ab), Bengt S. Holmgren, June, 627

CIRCULATION. See Cardiovascular System

CLAGETT, O. THERON. See McDONALD, JOHN R.

CLARK, ELIZABETH A. See POHLE, ERNST A.

CLARKSON, J. See LEDERMAN, M.

CLAUSEN, ARNE: Peripheral aneurysm of the pulmonary artery (ab), Feb., 205

Unusual case of pure colon invagination (ab), April, 429

CLAVICLE
—osteomyelitis (ab), Tina Gray, March, 304
—solitary eosinophilic granuloma (ab), Benjamin B. Greenberg and Albert J. Schein, Jan., 96

CLEIDOCRANIAL DYSOSTOSIS. See Bones, growth

CLEPHAN, DOROTHY F.: Techniques for auto-radiographs of radium containers (ab), April, 439

CLOUD, R. W.: See ROBBINS, LAURENCE L.

COBURN, DONALD E.: Delayed rupture of the extensor pollicis longus tendon following Colles's fracture (ab), March, 304

COCCIDIOMYCOSIS
—primary coccidiomycosis: possible pediatric problem (ab), Ralph H. Kunstaeter and Robert C. Pendergrass, Jan., 90

COGAN, DAVID G. See ROBBINS, LAURENCE L.

COHEN, LOUIS. See GURNEY, RAMSDELL

COHN, BERNARD N. E.: True oxycephaly with syndactylism. Case report (ab), March, 294

COHN, H. See COHN, T. D.

COHN, HAROLD A. See BREM, THOMAS H.

COHN, T. D., and COHN, H.: Low-back pain as the presenting symptom of malignant breast tumors (ab), Jan., 98

COLCHICINE
—effect of colchicine and x-rays on onion root tips (ab), Michael Levine, Jan., 100

COLE, LEWIS GREGORY: Friedenwald medalist, Jan., 81

COLET, BRADLEY L., and STEWART, FRED W.: Bone sarcoma in polyostotic fibrous dysplasia (ab), April, 433

COLLEGE, LIONEL. See DAVIS, E. D. D.

COLLES FRACTURE. See Radius, fractures

COLON
See also Sigmoid
—periodic, spontaneously remittent volvulus and the symptoms in cases of colon elongatum (ab), Flemming Nørsgaard, June, 618
—roentgenologic manifestations of amebiasis of large intestine (ab), A. Druckmann and S. Schorr, June, 618
—significance of Cannon's point in normal and abnormal functions of colon (ab), Julian Arendt, June, 618

—megacolon in newborn. Clinical and roentgenological study with special regard to pathogenesis (preliminary report) (ab), Th. Ehrenpreis, April, 429

fstula. See Fistula

intussusception. See Intussusception

megacolon. See Colon, dilatation

—intermittent colon invagination on basis of tumor; cases (ab), Gösta Lindquist, April, 429

CONJUNCTIVA
—diffuse neurofibromatosis (von Recklinghausen's disease) involving the bulbar conjunctiva. Report of case, with lesions of skeletal system and skin, bodily asymmetry and intracranial involvement (ab), Francisco Páez Allende, Jan., 87

CONNOLY, PAUL J. See REXFORD, W. K.

COOPER, A. G. S., and ROBERTSON, D. F.: Treatment of post-irradiation ulcers by radon ointment (ab), Feb., 212

COOPER, RALPH R. See POLLARD, H. MARVIN

COPE OLIVER. See ROBBINS, LAURENCE L.

COPEMAN, BENJAMIN. See KEENE, CLIFFORD H.

CORAY, QUINCE B.: Case of crossed renal ectopia (ab), March, 309

COTTON INDUSTRY
—pneumoconiosis due to cotton dust (byssinosis): case report, Paul V. McCarthy and Walton R. Akenhead, Jan., 46

COVENTRY, M. B., GHORMLEY, R. K., and KERNOHAN, J. W.: The intervertebral disc: its microscopic anatomy and pathology. Part I. Anatomy, development, and physiology. Part II. Changes in the intervertebral disc concomitant with age. Part III. Pathological changes in the intervertebral disc (ab), April, 431

CRANOMETRY
—perviccephalometry, Tom A. Kendig, April, 391

CRANIUM
—cleidocranial dysostosis; case (ab), Helge Eltorm, June, 621
—cleidocranial dysostosis—report of case (ab), Fred G. Re-pass, Jan., 96
—diffuse neurofibromatosis (von Recklinghausen's disease) involving the bulbar conjunctiva. Report of case, with lesions of skeletal system and skin, bodily asymmetry and intracranial involvement (ab), Francisco Páez Allende, Jan., 87
—enlarged parietal foramina and similar shadows seen in osteoporosis circumscripta: two cases, Charles H. Kelley, June, 601
—radiotherapy and intracranial pressure (ab), Marie B. Tsuker, March, 317
—roentgen anatomy of skull in newborn infant, Samuel G. Henderson and Louise S. Sherman, Feb., 107

fractures
—skull defect and herniation of cerebrum with absence of dura following head injury in adolescence (ab), Wm. S. McCune and Barnes Woodhall, Feb., 193

tumors
—isolated myeloma in fourteen year old boy (ab), Justus Kaufman, June, 620

CRAW, JOHN. See SUTHERLAND, CHARLES L.

CREEPING ERUPTION
—Loeffler's syndrome associated with creeping eruption (cutaneous helminthiasis) (ab), D. O. Wright and Edwin M. Gold, June, 614

CRILE, GEORGE, JR., and JAFFE, HENRY L.: Pancreatic calculi as a rare cause of intestinal hemorrhage. Report of case, June, 58

CRUTCHLOW, EVERETT F. See PEIRCE, CARLETON B.

CRYMBLE, F. T.: Ulcer of the second part of the duodenum (ab), March, 299

CRYPTOCOCCUS HISTOLYTICUS. See Blastomycosis

CRYSLER, W. E., and MORTON, H. S.: Osteochondritis dissecans of the supratrochlear septum of the humerus (ab), May, 340

CUTTING, CECIL C. See FISHER, LLOYD D.

CYSTICERCOSIS. See Brain

D

DAHL-IVERSEN, E., and FOGH, BØRGE: On the reduction of ileal-ileonic intussusception by means of contrast enema (ab), Feb., 200

DAILEY, MORRIS E., and MILLER, EARL R.: Search for symptomless gastric cancer in 500 apparently healthy men of forty-five and over (ab), June, 617

DANDY, WALTER E.: Diagnosis and treatment of strictures of, the aqueduct of Sylvius (causing hydrocephalus) (ab), June, 612

DANOWSKI, T. S., WINKLER, A. W., and PETERS, J. P.: Tissue calcification and renal failure produced by massive doses vitamin D therapy of arthritis (ab), June, 624

DANZER, JOSEPH T.: Roentgenograms of the chest in mental deficiency, March, 244

DAVID ANDERSON-BERRY PRIZE, March, 286

DAVIES, HUGH: Lateral prolapse of the cervical intervertebral disc (ab), Feb., 203

DAVIS, E. D. D., COLLEGE, LIONEL, LEDERMAN, M., et al.: Discussion on treatment of carcinoma of the larynx (ab), March, 312

DEAN, ARCHIE L.: Wilms' tumors (ab), April, 438

DEBAKEY, MICHAEL. See OCHSNER, ALTON

DEGLUTITION
—passage of contrast substances through the hypopharynx (ab), Karl Søndergaard, June, 612
—singular case of Plummer-Vinson syndrome (ab), Aage Videbæk, May, 536

—solitary and multiple carcinomas of upper alimentary tract: their location, age and sex incidence and correlation with Plummer-Vinson syndrome (ab), Aage Videbæk, June, 617

DEHNE, ERNST: Fractures at the upper end of the humerus. Classification based on the etiology of the trauma (ab), Jan., 98

DEIBERT, G. A. See MURBACH, C. F.

de LORIMIER, ALFRED A., MINEAR, WILLIAM L., and BOYD, HAROLD B.: Reflex hyperemic deoxygenations regional to joints of the extremities, March, 227

del REGATO, JUAN A.: Treatment of carcinoma of the cervix, June, 579

DIABETES MELLITUS
—cardiac hypertrophy and extramedullary erythropoiesis in newborn infants of prediabetic mothers (ab), Herbert C. Miller, Feb., 199

DIAPHRAGM
See also Hernia, diaphragmatic
—diaphragmatic intussusception; 4 cases (ab), Aage Wagner, June, 619
—mechanical paralysis of left hemidiaphragm complicating collapse therapy in pulmonary tuberculosis (ab), Oscar Feinsilver, Feb., 194

DICKERSON, W. W.: Characteristic roentgenographic changes associated with tuberous sclerosis (ab), Jan., 87

DIGESTIVE SYSTEM
See also Colon; Duodenum; Gastro-Intestinal Tract; Stomach; etc.

cancer
—solitary and multiple carcinomas of upper alimentary tract; their location, age and sex incidence, and correlation with Plummer-Vinson syndrome (ab), Aage Videbæk, June, 617

DILLINBERG, S. M., and THOMPSON, C. M.: Carbon tetrachloride poisoning. Report of twenty cases with one death (ab), June, 613

DIVERTICULA. See Intestines, diverticula

DIXON, J. LEONARD. See OCHSNER, ALTON

DMYTRYK, EUGENE T.: Congenital malformations of the anus and rectum: clinical study (ab), March, 300

DOAN, CHARLES A. See HOSTER, HERMAN A.

DOCKERTY, MALCOLM B., GHORMLEY, R. K., KENNEDY, ROGER L. J., and PUGH, DAVID G. Albright's syndrome (polystotic fibrous dysplasia with cutaneous pigmentation in both sexes and gonadal dysfunction in females) (ab), April, 433

DOFF, SIMON D. See LOWMAN, ROBERT M.

DOHN, KAI, and FABER, BÖRGE: Invagination of the stomach: case diagnosed by means of roentgen examination (ab), June, 617

DONLAN, C. P. See KASABACH, H. H.

DONOVAN, EDWARD J., and SANTULLI, THOMAS V.: Gastric and duodenal ulcers in infancy and in childhood (ab), Jan., 93

DONOVAN ORGANISMS. See Granuloma inguinale

DORMER, B. A., FRIEDLANDER, J., and WILES, F. J.: Bronchography in pulmonary tuberculosis: artificial pneumothorax (ab), May, 532

Bronchography in pulmonary tuberculosis: geographical adventure (ab), April, 425

—, **FRIEDLANDER, J., WILES, F. J., and SIMON, F. W.**: Tumor of the lung due to *Cryptococcus histolyticus* (blastomycosis) (ab), June, 613

DOWDY, ANDREW H. See HARVEY, ROGER A.

DOWLING, JAMES R.: Osteoma of the frontal sinus. Report of five cases (ab), Jan., 88

DOWNES, JEAN. See REISNER, DAVID

DRAPER, JOHN W., and SICELUFF, JOSEPH G.: Excretory urography (ab), Feb., 204

DRESSER, R. See SMITH, GEORGE V. S.

DRUCKMANN, A., and SCHORR, S.: Roentgenological manifestations of amebiasis of the large intestine (ab), June, 618

DUFRESNE, ORIGENE: Value of hysterosalpingography in diagnosis of gynecological affections (ab), April, 435

DUNGAL, NIELS: Rickets in Iceland (ab), June, 621

DUNHAM, ETHEL C., and THOMS, HERBERT: Effect of severe rickets in early childhood on skeletal development in adolescence (ab), May, 539

DUNNER, LASAR: Observations on pulmonary disease in graphite workers (ab), Feb., 196

DUODENUM
—congenital obstruction. Report of 6 cases and review of literature, Friedrich G. Kautz, James R. Liss, and Ernest Kraft, April, 334

roentgenography
—aberrant pancreatic tissue as roentgenologic problem (ab), George J. Baylin, Jan., 94

—new x-ray method of studying anatomy and motility: its diagnostic value (ab), Walter F. Gruber, Feb., 199

—radiographic diagnosis of prolapsed redundant gastric mucosa into the duodenum, with remarks on the clinical significance and treatment, Wendell G. Scott, June, 547

ulcers. See Peptic Ulcer

DURA MATER
—displacement of pineal gland with extradural hemorrhage (ab), M. J. Madonick and Ignaz W. Ojienick, Feb., 193

—observations on presence of subdural gas after pneumoencephalography, L. W. Paul and T. C. Erickson, Feb., 139

—skull defect and herniation of cerebrum with absence of dura following head injury in adolescence (ab), Wm. S. McCune and Barnes Woodhall, Feb., 193

DUST DISEASES. See Pneumoconiosis

DUSZYNSKI, DIANA O. See SCATCHARD, GEORGE N.

DUVERNAY'S "FORAGE." See Epiphyses

DWARFISM
See also Achondroplasia
—infantile dwarfism (encephalomyelitis) in siblings (ab), John Monfort, Silik H. Polayes, and Reuben Sorkin, June, 621

renal
—renal osteodystrophy. Report of case of unusual pathogenesis (ab), John J. Castronovo, Feb., 201

—renal rickets: case report (ab), Frank J. Borrelli and George G. Cope, March, 303

DYSGERMINOMA. See Tumors, seminoma

DYSOSTOSIS. See Bones, growth

DYSPHAGIA. See Deglutition

DYSPLASIA, POLYSTOTIC FIBROUS. See Bones, diseases

E

EAGLESHAM, D. C.: Observations on opaque myelography of lumbar disc herniations (ab), Feb., 202

EBSTEIN'S DISEASE. See Tricuspid Valve

ECHINOCOCCOSIS. See Bones

ECHLIN, FRANCIS A., IVIE, JOSEPH MCK., and FINE, ARCHIE: Pantopaque myelography as an aid in the preoperative diagnosis of protruded intervertebral discs: preliminary report (ab), Jan., 98

ECHTERNACHT, ARTHUR P.: Injuries of the urinary tract: roentgenological considerations (ab), April, 436

—and CAMPBELL, JOHN A.: Mid-line anomalies of the brain: their diagnosis by pneumoencephalography, Feb., 119

ECKHARDT, ROBERT E. See STEVENSON, LEWIS D.

ECONOMICS, MEDICAL
—hospital fluorography: its implications (letter to the editor), J. Edwin Habbe, May, 523

EDDY, C. E., and STEVENS, D. J.: Some observations on x-ray treatment cones, Feb., 176

EDEMA
—roentgenologic soft-tissue studies of the skin and subcutaneous tissue: contribution to roentgen study of edema (ab), Arne Frantzell, March, 310

EDER, HOWARD, HAWN, CLINTON V., and THORN, GEORGE: Report of case of acute interstitial fibrosis of the lungs (ab), Feb., 194

EDITORIALS
Acta Radiologica, Leo G. Rigler, April, 411

cystic fibrosis of pancreas, April, 412

latent period which elapses between onset of lesion and appearance of radiographic signs, James F. Brailsford, Feb., 184

Lowell S. Goin, M.D., president of the Radiological Society of North America, Jan., 77

presidential address, Lewis G. Allen, March, 282

radiology and atomic power, May, 521

skeletal lesions in neurofibromatosis, June, 604

EDLING, LARS: Experiences with roentgen rotation therapy (ab), April, 439

EDWARDS, PETER W., PENMAN, A. CLARK, and BLAIR, L. G.: Primary tuberculous infection in a sanatorium staff. Investigation and supervision (ab), Feb., 194

EFFUSIONS. See Knee; Pleura; Peritoneum

EGBERT, E. WAYNE, and FULLER, ALFRED G.: A simple polygraph, June, 594

EHNI, GEORGE, and LOVE, J. GRAFTON: Intraspinal lipomas. Report of cases, review of literature, and clinical and pathologic study (ab), Jan., 102

EHRENPREIS, TH.: Megacolon in the newborn. Clinical and roentgenological study with special regard to pathogenesis (preliminary report) (ab), April, 429

EICHWALD, MAX, and SINGLETARY, WILLIAM V.: Transient successive pulmonary infiltrations (Löföf's syndrome), March, 258

EINSTEIN, ROBERT A. J. See KERR, H. DABNEY

ELBOW
—internal epicondylar epiphysis and elbow injuries (ab), Adolf A. Schmier, Feb., 203

—osteochondritis dissecans of supratrochlear septum (ab), W. S. Millman, June, 622

—osteochondritis dissecans of supratrochlear septum of humerus (ab), W. E. Crysler and H. S. Morton, May, 540

ELECTROSURGERY (fulguration). See Uterus, cancer

ELKELES, A., and GLYNN, L. E.: Serial roentgenograms of chest in periarthritis nodosa as an aid to diagnosis, with notes on pathology of pulmonary lesions (ab), Feb., 196

ELLIS, F. See GRAY, L. H.

ELTORM, HELGE: Case of cleidocranial dysostosis (ab), June, 621

EMBOLISM
pulmonary
—embolism from obscure sources (ab), Aubrey O. Hampton and Andrew G. Prandoni, and John T. King, May, 534

EMPHYSEMA
mediastinal
—spontaneous emphysema (ab), Samuel A. Shelburne, Jan., 91

—spontaneous emphysema (ab), M. H. Stein, June, 615

pulmonary
—newer concepts (ab), Edgar Mayer and Israel Rappaport, March, 296

—obstructive emphysema associated with pneumonia in childhood (ab), Jerome S. Leopold and Emil A. Kratzman, May, 534

subcutaneous
—ingestion of kerosein complicated by pneumonia, pneumothorax, pneumopericardium, and subcutaneous emphysema (ab), Arnold F. Lavenstein, Feb., 195

ENCEPHALITIS
—roentgen therapy for acute encephalitis (ab), U. V. Portman and Roger Lough, April, 439

ENCEPHALOGRAPHY. See Brain, roentgenography

ENCEPHALOMYELITIS
—infantile dwarfism (encephalomyelitis) in siblings (ab), John Monfort, Silik H. Polayes, and Reuben Sorkin, June, 621

ENDOCARDITIS
—dextrocardia with situs inversus complicated by chronic aortic and mitral endocarditis (ab), George W. Parson, June, 616

ENDOMETRIUM. See Uterus

ENEMA
—reduction of ileal-ileocolic intussusception by means of contrast enema (ab), E. Dahl-Iversen and Børge Fogh, Feb., 200

ENGELSTAD, ROLF B., and WEYDE, ROLF: Adenofibrosis mammae. The Norwegian Radium Hospital's material 1932-1942 (ab), April, 437

K., and FINE, an aid in the vertebral discs: 1, 436

urinary tract: 1, 436

urine: of the brain: 1, Feb., 119

LEWIS, D. (letter to the editor): 1, 436

LESIONS and subcutaneous study of edema: 1, 436

LETHAL and THORN, potential fibrosis of

LESIONS and ap- talsford, Feb., 119

ical Society of

LESIONS and ap- talsford, Feb., 119

and BLAIR, inatorium staff: 1, 436

G.: A simple intraspinal e, and clinical

Clinical and pathogenesis: 1, 436

M. V.: Tran- Löffler's sys-

NEY

injuries (ab), 1, 436

stom (ab), 1, 436

septum of 1, 436

in, May, 540

cancer

enograms of 1, 436

agnosis, 1, 436

Feb., 196

es (ab), June, 196

Hampton y, 534

erne, Jan., 91

e, 615

Rappaport,

pneumonia in 1, 436

A. Kratz-

a, pneumo- ous emphy-

J. V. Port- hy

(ab), John June, 621

by chronic W. Parson,

ans of con- Fogh, Feb., 196

enofibrosis' material

ENGELDT, BENGT: Cystic forms of cancer metastases in bones (ab), June, 620

ENZER, NORBERT, SIMONSON, ERNST, and EVANS, A. M.: Clinical physiological observations on welders with pulmonary siderosis and foundry men with nodular uncomplicated silicosis (ab), May, 534

EOSINOPHILS

- Löffler's syndrome associated with creeping eruption (cutaneous helminthiasis) (ab), D. O. Wright and Edwin M. Gold, June, 614
- Löffler's syndrome—eosinophilic pneumonia. Case report (ab), Sidney Scherlis, Feb., 197
- solitary eosinophilic granuloma of bone (ab), Benjamin B. Greenberg and Albert J. Schein, Jan., 96
- transient focal pulmonary edema (ab), Carlton B. Peirce, Everett F. Crutchlow, Arthur T. Henderson, and Joseph W. McKay, May, 534
- transient successive pulmonary infiltrations (Löffler's syndrome). Max Eichwald and William V. Singletary, March, 258

EPIPHYES

- Duverney's "forage" of femoral epiphysis: follow-up examination of 41 cases (ab), Jørgen Ernst, June, 623
- epiphysis of ischial tuberosity: case report (ab), Paul E. McMaster, May, 540
- etiology of osteochondrosis dissecans (ab), S. Ribbing, April, 433
- conservative management of adolescent slipping of capital femoral epiphysis (ab), Robert D. Moore, Jan., 99
- internal epicondylar epiphysis and elbow injuries (ab), Adolf A. Schmier, Feb., 203

EPITLOIC APPENDAGES. See Intestines

EPITHELIOMA. See Skin, cancer

EPITHELIUM

- cellular dynamics in intestinal mucosa: effect of irradiation on epithelial maturation and migration (ab), Nathan B. Friedman, May, 537
- relationship of epithelial buds to carcinoma of pelvis of kidney, ureter and bladder (ab), Albert E. Bothe, Jan., 104

EPSTEIN, BERNARD S.: An evaluation of telemotrography: mensuration and cardiac roentgenoscopy in the diagnosis of early mitral valve disease (ab), Jan., 93

ERICKSON, T. C. See PAUL, L. W.

ERNST, JØRGEN: Duverney's "forage" of the femoral epiphysis: follow-up examination of 41 cases (ab), June, 623

ERSKINE, ARTHUR W.: Indications and limitations of transvaginal roentgen therapy for cancer of cervix, May, 458

ERYTHROCYTES

- cardiac hypertrophy and extramedullary erythropoiesis in newborn infants of prediabetic mothers (ab), Herbert C. Miller, Feb., 199

ESOPHAGUS

abnormalities

- short esophagus (thoracic stomach) and its association with peptic ulceration and cancer (ab), D. W. Smithers, May, 536
- cancer

 - radium treatment (ab), M. Lederman and J. Clarkson, Feb., 207
 - roentgen diagnosis of malignant tumors within the boundary region between pharynx and esophagus (ab), Åke Åkerlund and Sölve Welin, April, 422

foreign bodies. See Foreign Bodies, in air and food passages

tumors

- benign tumor of esophagus and its differential diagnosis (ab), R. A. Kemp Harper and Eugene Tiscenko, March, 298
- benign tumors. Report of 3 cases (ab), Ralph Adams and Walter B. Hoover, June, 616
- varix

 - in children (ab), C. J. Hansson, March, 298

EVANS, A. M. See ENZER, NORBERT

EVANS, E. MERVYN: Rotational deformity in the treatment of fractures of both bones of the forearm (ab), May, 541

EWING TUMORS. See Tumors, Ewing's

EXOSTOSIS. See Bones; Spine

EXSTROSES

- blast injury to lungs: clinical and radiological findings and their relation to certain symptoms (ab), G. R. Fearnley, Feb., 197
- pulmonary concussion ("blast") in non-thoracic battle wounds (ab), Oswald Savage, Feb., 197

EXTREMITIES

- See also Elbow; Fingers and Toes; Foot; etc.
- classification and diagnosis of peripheral vascular diseases (ab), Robert H. Goetz, March, 311
- "metastatic" calcification in soft tissues of legs in osteitis deformans: case report (ab), Bernard Seligman and Louis Nathanson, June, 624
- reflex hyperemic deoxygenations regional to joints of the extremities. Alfred A. de Lorimer, William L. Minear, and Harold B. Boyd, March, 227
- roentgenologic soft-tissue studies of skin and subcutaneous tissue: contribution to roentgen study of edema (ab), Arne Frantzell, March, 310
- varicose veins of upper extremity. Report of 2 cases (ab), Samuel Candel, March, 311

EYES

- superficial "burns" of skin and eyes from scattered cathode rays. Laurence L. Robbins, Joseph C. Aub, Oliver Cope, David G. Cogan, John L. Langohr, R. W. Cloud, and Oliver E. Merrill, Jan., 1

foreign bodies

- problems in x-ray localization in and about the eye (ab), J. A. MacMillan, Jan., 88

F

FABER, BÖRGE. See DOHN, KAI

FABER, HAROLD K., HOPE, JOHN W., and ROBINSON, FRANCIS L.: Chronic stridor in early life due to persistent right aortic arch. Report of two cases (ab), Jan., 92

FABRICIUS, BRYAN: Value of kymography for the differential diagnosis between aneurysm of the aorta and mediastinal tumor (ab), June, 615

FACE

- potential anatomical spaces (ab), Joseph G. Kostrubala, March, 298

FAIRCHILD, G. C. See GRAY, L. H.

FALLOPIAN TUBES

roentgenography

- hysterosalpingography in sterility (ab), Colin Macdonald, Jan., 100
- value of hysterosalpingography in gynecological affections (ab), Origene Dufresne, April, 435
- x-ray studies in hysterosalpingography, using a new cannula (ab), A. P. Hudgins, Jan., 101

tuberculosis

- radiographic manifestations of tuberculous salpingitis (ab), Wolfgang Magnusson, Feb., 204

FARBER, JASON E., and MILLER, D. K.: "Beriberi heart" in a tuberculous patient (ab), Feb., 199

FARMER, F. T.: Condenser ionization chambers for measurement of x-rays in body cavities: physical problems in their design (ab), April, 439

—See OSBORN, S. B.

FARROW, JOSEPH H. See ADAIR, FRANK E.

FATIGUE FRACTURE. See Femur; Fibula; Metatarsus; Tibia

FAWCITT, RICHARD. See SUTHERLAND, CHARLES L.

FEARNEY, G. R.: Blast injury to the lungs: clinical and radiological findings and their relation to certain symptoms (ab), Feb., 197

FEBLEMINDEDNESS

- roentgenograms of the chest in mental deficiency, Joseph T. Danzer, March, 244

FEINSILVER, OSCAR: Mechanical paralysis of the left hemidiaphragm complicating collapse therapy in pulmonary tuberculosis (ab), Feb., 194

FELD, S. M. See MELAMED, A.

FEMUR

- See also Hip
- cysts. See Femur, tuberculosis
- epiphyses. See Epiphyses
- fractures

 - fatigue fracture (ab), H. R. I. Wolfe and J. M. Robertson, June, 625
 - stress fracture of femoral neck (ab), John A. W. Bingham, June, 625

Pellegrini-Stieda disease

- para-articular calcification (Pellegrini-Stieda) in affections of knee (ab), I. William Nachlas and John L. Olpp, June, 623
- Pellegrini-Stieda disease (ab), E. James Buckley, March, 304
- Pellegrini-Stieda disease, Delbert A. Russell and Charles D. Smith, April, 351

tuberculosis

- cystic tuberculosis in bone and joint: case (ab), Ingolfur Blöndal, June, 622

FERKANE, JOSEPH E., and LEE, RICHARD K. C.: Tuberculosis survey of food handlers on the island of Oahu (ab), May, 533

FIBROMA. See Uterus, fibroma

FIBROMYOMA. See Tumors, fibromyoma

FIBULA

fractures

- fatigue fracture (ab), A. Ronald, May, 541
- fatigue fracture: 2 cases (ab), David A. Richmond, Jan., 99

FIGI, FREDERICK A., BRODERS, ALBERT C., and HAVENS, FRED Z.: Plasma cell tumors of the upper part of the respiratory tract (ab), May, 532

FILARIASIS

- evaluation of roentgen therapy (ab), Henry L. Jaffe, March, 315

FINE, ARCHIE, and STEINHAUSEN, T. B.: Experiences with the photo-ortogen method in chest surveys: analysis of 150,000 examinations (ab), June, 612

Non-disabling bronchiectasis, March, 237

—See ECHLIN, FRANCIS A.

FINGERS AND TOES

abnormalities

- arachnodactyly (spider fingers) (ab), H. Gray, Feb., 203
- true oxycephaly with syndactyly. Case report (ab), Bernard N. E. Cohn, March, 294

FINK, DANIEL L. See RIGLER, LEO G.

FISHER, LLOYD D., PARSONS, CLARE, and CUTTING, CECIL C.: Hereditary multiple exostosis. Review of the literature and report of case with Horner-Bernard syndrome as a complication (ab), June, 622

FISTULA

arteriovenous

- cardiac changes (ab), Robert C. Pendergrass, March, 297

FISTULA—*cont.*
biliary
 —two cases of internal fistulae (ab), Enar Brandel, June, 619
renocolic
 —spontaneous fistula: report of case, J. E. Miller, May, 518

FLINN, FAUNTLEROY (obit), Jan., 82

FLOCKS, R. H.: Preventive treatment of calcium urolithiasis: important role of early and frequent roentgenographic examinations (ab), Jan., 101

FLUKE. See *Paragonimus westermanii*

FOGH, BØRGE. See *DAHL-IVERSEN, E.*

FONG, E. E.: Accessory urethral channel: case, April, 380
 Some experiences with Priodax, June, 583

FOOD
 —tuberculosis survey of food handlers on the island of Oahu (ab), Joseph E. Ferkany and Richard K. C. Lee, May, 533

FOOT
 See also *Calcaneum*; *Metatarsus*
flat
 —diagnosis of pes planus by x-ray, William L. Bonnet and D. R. Baker, Jan., 36

FORAMEN
 —enlarged parietal foramina and similar shadows seen in osteoporosis circumscripta: 2 cases, Charles H. Kelley, June, 601

FOREARM
 —radioulnar synostosis of traumatic origin: report of case (ab), H. G. Lee, March, 304

fractures. See also *Radius*
 —rotational deformity in treatment of fractures of both bones (ab), E. Mervyn Evans, May, 541

FOREIGN BODIES
 See also *Eyes*; *Heart*; *Intestines*
 in air and food passages
 —clinical and roentgenologic diagnosis of foreign bodies, especially fish bones, in hypopharynx and esophagus, with discussion of suitable roentgenologic method (ab), Hans-Gösta Skarby, March, 298

FOWLER, A., and PHILIP, J. F.: Abnormality of the calcaneus as a cause of painful heel. Its diagnosis and operative treatment (ab), March, 305

FOX, CHARLES L., Jr., and KESTON, ALBERT S.: Mechanism of shock from burns and trauma traced with radiosodium (ab), April, 440

FRACUTURES
 See also under names of bones
 —so-called retarded or occult fractures. Significance of parallel projection in roentgen diagnosis, Benedict J. Toth, May, 475

fatigue. See *Femur*; *Fibula*; *Metatarsus*; *Tibia*

marc. See also *Tibia*; *fractures*
 —marc fracture, R. E. Van Demark and Paul V. McCarthy, May, 496

stress. See *Femur*

FRANK, C. H.: Malignant tumors of the testis (ab), March, 315

FRANTZELL, ARNE: Roentgenologic soft-tissue studies of the skin and subcutaneous tissue: contribution to the roentgen study of edema (ab), March, 310

FRASER, KENNETH: Malignant tumours of the small intestine. Review of the literature and report of 21 cases (ab), March, 300

FRECKER, ERIC W.: Pelvic x-ray measurements and pelvic contraction (ab), April, 435

FREEDMAN, LESTER M., and BEINHAUER, LAWRENCE G.: Roentgen-ray treatment of tinea capitis (ab), April, 437

FREIFELD, S. E.: Lymphoblastoma of the kidney, May, 507

FRIEDLANDER, I. See *DORMER, B. A.*

FRIEDMAN, LEWIS J., and FRIEDMAN, PAUL S.: Inflammatory lesions of the kidneys (ab), March, 307

FRIEDMAN, MAJOR MILTON, awarded Legion of Merit, May, 523

FRIEDMAN, NATHAN B.: Cellular dynamics in the intestinal mucosa: effect of irradiation on epithelial maturation and migration (ab), May, 537

FRIEDMAN, PAUL S. See *FRIEDMAN, LEWIS J.*

FRIMANN-DAHL, J.: On strangulating obstruction of the small bowel with special reference to cases with poor roentgen findings (ab), April, 428

FRONTAL BONE
 —solitary myeloma (ab), Charles W. Schwartz, April, 422

FRONTAL SINUS
 —roentgen picture in mucopyocele and cholesteatoma (ab), Nils Frostberg, March, 293

tumors
 —osteoma: report of 5 cases (ab), James R. Dowling, Jan., 88
 —roentgen picture in mucopyocele and cholesteatoma (ab), Nils Frostberg, March, 293

FROSTBERG, NILS: Roentgen picture in mucopyocele and cholesteatoma in the frontal sinus (ab), March, 293

FUCHS, ARTHUR W.: Military photoroentgen technique employing optimum kilovolt (peak) principles (ab), April, 437

FULLER, ALFRED G. See *EBBERT, E. WAYNE*

GALLBLADDER
 —calculi
 —gallstone ileus (ab), Gordon McHardy and Donovan C. Browne, March, 301

G

GALLBLADDER
 —calculi
 —gallstone ileus (ab), Gordon McHardy and Donovan C. Browne, March, 301

—intestinal obstruction by gallstones (ab), Maurice Lee, Feb., 200

hernia
 —traumatic right diaphragmatic hernia: case with delayed herniation of liver and gallbladder (ab), Clifford H. Keene and Benjamin Copleman, June, 619

roentgenography
 —comparative clinical investigation of cholecystographic preparations, George A. Unfug, May, 489

—gallbladder in patients with pernicious anemia: study of nonvisualization and rate of emptying (ab), Edward A. Boyden and John A. Layne, Jan., 94

—nursing—source of error in cholecystography (ab), F. Polgar, May, 538

—some experiences with Priodax, E. E. Fong, June, 583

GALLUCIO, A. C.: Advantages of supplemental radiographic studies at time of induction (ab), Jan., 89

Spondylolisthesis. Further remarks with emphasis on radiologic aspects, April, 356

GAMMA RAYS. See *Radium*

GANGRENE
 —x-rays in diagnosis and localization of gas gangrene (ab), F. H. Kemp, Feb., 205

GARCIA, MANUEL, and SCHLOSSER, JOSEPH V.: Problem of secondary infection in carcinoma of cervix, May, 448

GARCIA-CALDERON, J. See *GILBERT, RENE-J.*

GARLAND, LEO H.: Myocardial infarction—roentgen diagnosis (ab), June, 616

—and **HARRIS, MILO T.**: Wet-film x-ray viewing room (ab), April, 437

GAS GANGRENE. See *Gangrene*

GASTRO-INTESTINAL TRACT
 See also *Colon*; *Duodenum*; *Intestines*; *Stomach*; etc.

cancer
 —“Kruckenberg tumors.” Roentgen and gastroenterological aspects of secondary ovarian carcinoma (ab), Robert M. Lowman and Samuel D. Kushlan, March, 306

diseases
 —gastrointestinal disorders simulating circulatory disease and vice versa (ab), Franz M. Groedel, Jan., 93

—value of spot films in radiography (ab), Frank L. Hussey, March, 297

hemorrhage
 —hiatus hernia of stomach as source of gastro-intestinal bleeding, Ernest A. Mendelsohn, May, 502

GASTROSCOPY. See *Stomach*

GAY, LENDALL C. See *HUDSON, PERRY B.*

GAZIN, ALBERT I. See *LERNER, HENRY H.*

GENETICS
 —genetic injury (due to irradiation), Paul S. Henshaw, Jan., 62

GENITALS
 See also *Fallopian Tubes*; *Ovaries*; *Testes*; *Uterus*; etc.

cancer
 —organization and administration of a gynecologic tumor clinic, with certain observations concerning therapy (ab), Clayton T. Beecham and Thaddeus L. Montgomery, March 313

GHORMLEY, R. K. See *COVENTRY, M. B.*

—See *DOCKERTY, MALCOLM B.*

GIAN-FRANCESCHI, JOSEPH S. (obit), May, 324

GIFFIN, HERBERT Z. See *HALL, BYRON E.*

GILBERT, RENE-J., and GARCIA-CALDERON, J.: Radiologic study of cecocolic invagination in the adult (ab), June, 618

GILES, ROY G.: Irradiation in carcinoma of the breast (ab), Jan., 103

—Wilms tumor of the kidney (ab), Feb., 208

GILMORE, JOHN H., STAUFFER, RICHARD C., and JACOBS LEWIS G.: Two cases of spinal anomaly, best demonstrated by laminography, May, 514

GLUCKSMANN, A., TANSLEY, K., and WILSON, C. W.: Effect of variations in the dose rate of gamma radiation on cell degeneration in the frog tadpole (ab), March, 317

GLYNN, L. E. See *ELKELES, A.*

GOETZ, ROBERT H.: Classification and diagnosis of peripheral vascular diseases (ab), March, 311

GOIN, LOWELL S., president of the Radiological Society of North America (ed), Jan., 77

GOITER
 —intrathoracic goiters (ab), Frank H. Lahey, May, 536

GOLD, EDWIN M. See *WRIGHT, D. O.*

GOLDMAN, LEONARD B., and VICTOR, ABRAHAM W.: Hodgkin's disease. Salient clinical features and relative value of various methods of treatment based upon study of 319 cases (ab), May, 544

GONADS
 See also *Ovary*; *Testes*
 —Albright's syndrome (polyostotic fibrous dysplasia with cutaneous pigmentation in both sexes and gonadal dysfunction in females) (ab), Malcolm B. Dockerty, Ralph K. Ghormley, Roger L. J. Kennedy, and David G. Pugh, April, 433

GOODMAN, S. J.: Identical twins: achondroplastic dwarfs (ab), April, 435

GOREN, SIDNEY. See *RILEY, EDWARDS M.*

GOULD, DAVID M.: Mass x-ray survey in San Antonio (ab), Jan., 89

—Nontuberculous lesions found in mass x-ray surveys (ab), April, 425

GOYANNA, RUY, and GREENE, LAURENCE F.: Pathologic and anomalous conditions associated with duplication of the renal pelvis and ureter (ab), May, 541

rice Lee, Feb.,

with delayed
Ford H. Keeneecystographic
ia: study of
D. Edward A.

(ab), F. Pol-

ne, 583
radiographic
asis on radio-

ngrene (ab),

V.: Problem
J. May, 448

gen diagnosis

ing room (ab),

ach; etc.

enterological
Robert M.disease and
L. Hussey,

ro-intestinal

aw, Jan., 62

rus; etc.

ogic tumor
therapy (ab),
ontgomery,J.: Radio-
adult (ab),

breast (ab),

d JACOB

est demon-

N., C. W.:

radiation

ch, 317

peripheral

Society of

May, 536

HAM W.:

and relative

pon study

iasia with
nadal dys-
Ralph
I G. Pugh,

atic dwarfs

omio (ab),

reys (ab),

Pathologic

ication of

GRÄBERGER, GÖSTA: Case of trichobezoar (ab), April, 428
GRANULOMA

—solitary eosinophilic granuloma of bone (ab), Benjamin B. Greenberg and Albert J. Schein, Jan., 96

inguinale
—osteomyelitis caused by granuloma inguinale: report of case with cultivation of Donovan body in yolk sac of developing chick embryo (ab), Walter H. Sheldon, Ben. R. Thebaut, Albert Heyman, and Margaret J. Wall, June, 619

GRAPHITE WORKERS

—observations on pulmonary disease in graphite workers (ab), Lasar Dunner, Feb., 196

GRAY, H.: Arachnodactyly (spider fingers) (ab), Feb., 203

GRAY, L. H., ELLIS, F., FAIRCHILD, G. C., and PATERSON, EDITH: Dosage rate in radiotherapy. A symposium (ab), Feb., 210

GRAY, TINA: Osteomyelitis of the clavicle (ab), March, 304

GREEN, GEORGE G. See BORRELLI, FRANK J.

GREENBERG, BENJAMIN B., and SCHEIN, ALBERT J. Solitary eosinophilic granuloma of bone (ab), Jan., 96

GREENE, LAURENCE F. See GOYANNA, RUY
GRISHAM, A., and KANE, I. J.: Disseminated calcified and bony nodules in the lungs associated with mitral disease (ab), April, 426

GROEDEL, FRANZ M.: Gastrointestinal disorders simulating circulatory disease and vice versa (ab), Jan., 93

GROSS, ROBERT E., and LEWIS, JAMES E.: Defect of the anterior mediastinum: successful surgical repair (ab), March, 297

GROSS, SIDNEY W. See SOULE, ARTHUR B., Jr.

GROSSMAN, J. W., and MINOR, HOWARD H.: Roentgen demonstration of the semilunar cartilages of the knee, March, 304

GROUT, J. L. A. See McLAUGHLIN, A. I. G.

GROWTH
See also Bones, growth
—production, by action of pituitary gland on vascular and hemopoietic systems: interrelationship between lungs and pituitary gland (ab), Robert C. Mochlig, June, 614

GRÜBER, WALTER F.: New x-ray method of studying the anatomy and motility of the stomach and duodenum: its diagnostic value (ab), Feb., 199

GURNEY, RAMSDELL, and COHEN, LOUIS: An unusual case of multiple chondromata, Jan., 48

H

HAFFLY, GILBERT N.: Value of routine roentgenographic studies of war injuries of the head and neck (ab), Feb., 193

HAGGART, G. See HARE, HUGH F.

HAIR BALL (trichobezoar). See Stomach, foreign bodies

HALL, BYRON E., WATKINS, CHARLES H., HARGRAVES, MALCOLM M., and GIFFIN, HERBERT Z.: Radioactive phosphorus in the treatment of polycythemia vera. Results and hematologic complications (ab), May, 545

HAM, HAROLD J.: Carcinoma of the prostate (ab), Jan., 105

HAMARTOMA. See Tumors, chondroma

HAMILTON, JOHN B.: Gastric volvulus and other abnormal rotations of the stomach (ab), May, 537

HAMMER, HOWARD J. See BELL, JOSEPH C.

HAMPTON, AUBREY O., PRANDONI, ANDREW G., and KING, JOHN T.: Pulmonary embolism from obscure sources (ab), May, 534

HANSSON, C. J.: Varices of the oesophagus in children (ab), March, 298

HARDING, H. E. See McLAUGHLIN, A. I. G.

HARDT, LEO L., HUFFORD, A. RAY, and RABENS, J. I.: Analytical survey of 1,132 patients gastroscopically examined (ab), April, 426

HARDY, JANET B., and KENDIG, EDWIN L., Jr.: Tuberculous pleurisy with effusion in infancy (ab), Jan., 89

HARE, HUGH F.: Present status of diagnosis and treatment of uterine carcinoma (ab), May, 543

—and HAGGART, G. EDMUND: Osteitis condensans illi (ab), May, 540

HARGRAVES, MALCOLM M. See HALL, BYRON E.

HARPER, R. A., KEMP, and TISCENCO, EUGENE: Benign tumor of the esophagus and its differential diagnosis (ab), March, 298

HARRINGTON, STUART W. See McDONALD, JOHN R.

HARRIS, MILO T. See GARLAND, LEO H.

HARVEY, HAROLD D. See ST. JOHN, FORDYCE B.

HARVEY, ROGER A., SPINDLER, HOWARD A., and DOWDY

ANDREW H.: Roentgen therapy as an adjunct in the management of acute postpartum mastitis (ab), Feb., 209

HATCHER, C. HOWARD: Development of sarcoma in bone subjected to roentgen or radium irradiation (ab), Feb., 211

HAVENS, FRED Z. See FIGI, FREDERICK A.

HAWN, CLINTON V. See EDER, HOWARD

HEAD
See also Cranium
—radiology of war injuries. Part IV. War wounds of the head and neck (ab), D. B. McGregor and Eric Samuel, May, 531

—value of routine roentgenographic studies of war injuries of head and neck (ab), Gilbert N. Haffly, Feb., 193

HEART
—changes in arteriovenous fistula (ab), Robert C. Pendergrass, March, 297

—relationship between heart volume and various physical factors (ab), Gunnar Börck, June, 616

—roentgenologic determination of volume in infants. Preliminary report (ab), Oliver Axén and John Lind, April, 426

—transient heart block in congenital heart disease (ab), Samuel Waldman, May, 535

calcification

—roentgen findings in intracardiac and particularly perimital calcifications (ab), Henning Odqvist, April, 426

dilatation

—“peribar heart” in tuberculous patient (ab), Jason E. Farmer and D. K. Miller, Feb., 199

displacement

—dextrocardia with situs inversus complicated by chronic rheumatic aortic and mitral endocarditis (ab), George W. Parson, June, 616

foreign bodies

—intracardiac foreign body. Report of case with recovery (ab), Robert Shapiro, May, 535

hypertrophy

—hypertrophy and extramedullary erythropoiesis in newborn infants of prediabetic mothers (ab), Herbert C. Miller, Feb., 199

infarction

—myocardial infarction—roentgen diagnosis (ab), Leo H. Garland, June, 616

roentgenography

—evaluation of telerentgenographic mensuration and cardiac roentgenoscopy in diagnosis of early mitral valve disease (ab), Bernard S. Epstein, Jan., 93

—possibility of studying function of heart with aid of roentgen-cinematography. Roentgen-cinematography combined with electric recordings of resistance of cardiac valves (ab), Sven Benner, Sven R. Kjellberg, and Torgny Sjöstrand, May, 536

valves. See also Aortic Valve; Mitral Valve; Tricuspid Valve

—on possibility of studying the function of the heart with the aid of roentgen-cinematography. Roentgen-cinematography combined with electric recordings of resistance of cardiac valves (ab), Sven Benner, Sven R. Kjellberg, and Torgny Sjöstrand, May, 536

HEEL

—abnormality of the calcaneum as cause of painful heel. Its diagnosis and operative treatment (ab), A. Fowler and J. F. Philip, March, 305

HELLER, HANS: Intussusception in children: spontaneous reduction and the sources of error in its diagnosis (ab), April, 428

HELMINTHIASIS

—Loeffler's syndrome associated with creeping eruption (cutaneous helminthiasis) (ab), D. O. Wright and Edwin M. Gold, June, 614

HEMANGIOMA. See Tumors, angioma

HEMOCHROMATOSIS. See Hemosiderosis

HEMOPOIETIC SYSTEM

—production of growth by action of pituitary gland on vascular and hemopoietic systems: interrelationship between lungs and pituitary gland (ab), Robert C. Mochlig, June, 614

—radioactive phosphorus in treatment of polycythemia vera. Results and hematologic complications (ab), Byron E. Fall, Charles H. Watkins, Malcolm M. Hargraves, and Herbert Z. Giffin, May, 545

HEMOPTYSIS

—relapsing, diffuse pulmonary bleedings or hemosiderosis pulmonum—a new clinical diagnosis (ab), Jan Waldenström, May, 533

HEMOSIDEROSIS

—idiopathic pulmonary hemosiderosis (essential brown induration) (ab), Per Selander, Jan, 91

—relapsing, diffuse pulmonary bleedings or hemosiderosis pulmonum—a new clinical diagnosis (ab), Jan Waldenström, May, 533

HEMPELMANN, L. H., Jr. See ALLEN, HARRY

HENDERSON, ARTHUR T. See PEIRCE, CARLETON B.

HENDERSON, SAMUEL G., and SHERMAN, LOUISE S.: Roentgen anatomy of the skull in the newborn infant, Feb., 107

HENNY, GEORGE C.: X-ray protection in industrial fluoroscopy, Jan., 66

HENOCHE'S PURPURA. See Purpura

HENRY, M. G.: Anomalous fusion of the scaphoid and the greater multangular bone (ab), March, 305

HENSHAW, PAUL S.: Protection against x-rays and gamma rays. Genetic injury, Jan., 62

Implications from studies with physical carcinogens (ab), April, 440

HEREDITY

—genetic injury (due to radiations), Paul S. Henshaw, Jan., 62

—hereditary multiple exostosis. Review of literature and report of case with Horner-Bernard syndrome as complication (ab), Lloyd D. Fisher, Clare Parsons and Cecil C. Cutting, June, 622

HERMODSSON, IVAN: Different types of osteo-arthritis in the hip joint and their connection with the anatomical conditions. Does there exist any subluxation coxae acquisita? (ab), April, 433

Osteochondritis dissecans of head of femur (ab), June, 622

HERNIA

See also Brain

diaphragmatic

—hiatus hernia of stomach as source of gastro-intestinal bleeding, Ernest A. Mendelsohn, May, 502

HERNIA, diaphragmatic—*cont.*
 —traumatic right hernia: case with delayed herniation of liver and gallbladder (ab), Clifford H. Keene and Benjamin Copleman, June, 619

HERZOG, E. G.: Air arthrography in diagnosis of torn semilunar cartilage (ab), June, 624

HEUBLEIN, GILBERT W.: Roentgen diagnosis of traumatic lesions of the cervical spine (ab), Jan., 96
 —See **BELL, JOSEPH C.**

HEYMAN, ALBERT. See **SHEDDON, WALTER H.**

HEYMAN, J.: On improving the results of treatment in cancer of the column of the uterus (ab), April, 437

HEYNS, O. S.: Studies in x-ray pelvimetry: an evaluation of pelvic radiography with a plea for simplicity (ab), March, 306

HINCHY, JOHN J., and **BICKEL, WILLIAM H.**: Fracture of the atlas: review and presentation of data on eight cases (ab), April, 422

HIP
 —See also **Ilium**
 —different types of osteoarthritis and their connection with anatomical conditions. Does there exist any subluxation coxae acquisita? (ab), Ivan Hermodsson, April, 433

loose bodies in
 —osteochondritis dissecans of head of femur (ab), Ivan Hermodsson, June, 622

tuberculosis
 —cystic tuberculosis in bone and joint; case (ab), Ingolfur Blöndal, June, 622

HIRSCH, EDWIN F., and **RUSSELL, HOMER B.**: Chronic exudative and indurative pneumonia due to inhalation of shellac (ab), March, 295

HODGKIN'S DISEASE
 —salient clinical features and relative value of various methods of treatment based upon study of 319 cases (ab), Leonard B. Goldman and Abraham W. Victor, May, 544
 —studies in Hodgkin's syndrome. IV. Therapeutic use of radioactive phosphorus (ab), Herman A. Hostetler and Charles A. Doan, June, 629

HOLM, OLOV F.: Cinematography in cerebral angiography (ab), May, 531

HOLLAND, C. A.: Multiple carcinomas. Case of four consecutive primary carcinomas with apparent cure (ab), April, 438

HOLMGREN, BENGT S.: Case of fluoroscopically reduced sigmoid volvulus (ab), April, 428

Roentgen cinematography as a routine method (ab), June, 627

HOLT, JOHN F.: Roentgen diagnosis of pancreatic cyst, April, 329

HOOVER, WALTER B. See **ADAMS, RALPH**

HOPE, JOHN W. See **FABER, HAROLD K.**

HORMONES
 —hormonal tumors of the adrenal (ab), George F. Cahill, Jan., 95

HORNER SYNDROME
 —hereditary multiple exostosis. Review of literature and report of case with Horner-Bernard syndrome as complication (ab), Lloyd D. Fisher, Clare Parsons, and Cecil C. Cutting, June, 622

HOSPITALS
 —hospital fluorophotography: its implications (letter to editor), J. Edwin Habbe, May, 523

—miniature chest films in general hospitals (ab), George N. Scatchard and Diana O. Duszynski, April, 425

HOSTER, HERMAN A., and **DOAN, CHARLES A.**: Studies in Hodgkin's syndrome. IV. Therapeutic use of radioactive phosphorus (ab), June, 629

HOWARD, J. CAMPBELL: Carcinoma of the prostate (ab), March, 315

HOWARD, JOHN T.: Experiences with the gastroscope over a period of six years (ab), March, 298

HOWARTH, M. BECKETT: Calcification of the tendon cuff of the shoulder (ab), Feb., 203

Echinococcosis of bone (ab), May, 539

HUDGINS, A. P.: X-ray studies in hysterosalpingography, using new cannula (ab), Jan., 101

HUDSON, PERRY B., **GAY, LENDALL C.**, and **NEWMAN, HOWARD E.**: Pneumothorax resulting from a dissecting gastric ulcer: review of literature and report of case (ab), April, 428

HUFF, FRANK M., and **BOGER, WILLIAM P., Jr.**: Renal hypoplasia with hydronephrosis and primary amenorrhea. Report of case (ab), June, 625

HUFFORD, A. RAY, and **STONEHOUSE, G. G.**: Orientation of the gastroscope by roentgenograms (ab), Jan., 94
 —See **HARDT, LEO L.**

HUMERUS
 —osteochondritis dissecans of the suprtrochlear septum of humerus (ab), W. E. Cryslar and H. S. Morton, May, 540

fractures
 —at upper end. Classification based on etiology of trauma (ab), Ernst Dehne, Jan., 98

HURLER'S DISEASE. See **Lipochondrodyostrophy**

HUSSEY, FRANK L.: Value of spot films in radiography of the gastro-intestinal tract (ab), March, 297

HUSSEY, HUGH H., and **KATZ, SOL**: Septic pulmonary infarction: report of eight cases (ab), March, 295

HYDRARTHROSIS
 —roentgenographic appearance of temporomandibular hydrarthrosis, Arnold L. Bachman and Albert L. Bershon, March 251

HYDROCEPHALUS
 —congenital absence of the septum pellucidum associated with internal hydrocephalus, William P. Savan, March, 270

—diagnosis and treatment of strictures of aqueduct of Sylvius (causing hydrocephalus) (ab), Walter E. Dandy, June, 612

HYDRONEPHROSIS
 —primary carcinoma of ureter with special reference to hydronephrosis. Review of literature and report of unusual case (ab), Joseph A. Lazarus and Morris S. Marks, June, 626

HYMAN, A.: Renal lithiasis and its treatment (ab), March, 307

HYMAN, GEOFFREY: Case of pseudarthrosis following fractures of the lumbar transverse processes (ab), March, 303

HYPERTREMIA
 —reflex hyperemic deossifications regional to joints of the extremities, Alfred A. de Lorimier, William L. Minear, and Harold B. Boyd, March, 227

HYPERNEPHROMA. See **Kidneys, tumors**

HYPERTOSIS
 —infantile cortical hyperostoses: preliminary report on a new syndrome (ab), John Caffey and William A. Silverman, May, 538

HYPOPHARYNX. See **Foreign Bodies, in air and food passages; Larynx**

HYSTERO-SALPINGOGRAPHY. See **Fallopian Tubes; Pregnancy, complications**

I

ICELAND
 —ricketts in Iceland (ab), Niels Dungal, June, 621

ILEITIS. See **Intestines**

ILEUM. See **Intestines; Intussusception**

ILIUM
 —osteitis condensans illii (ab), Hugh F. Hare and G. Edmund Haggart, May, 540

IMLER, ALLISON E., **MEILSTRUP, DREW B.**, and **BOGART, FRANKLIN B.**: Primary Ewing's sarcoma of the spine, June, 597

INDUSTRY AND OCCUPATIONS
 See also **Pneumoconiosis**
 —attitude of industry toward x-ray examinations of chest (ab), C. D. Selby, May, 533

—intervertebral disc injury: analysis from an industrial standpoint (ab), Henry C. Marble and William A. Bishop, March, 302

—x-ray protection in industrial fluoroscopy, George C. Henny, Jan., 66

INFANTS
 See also **Children**
 —cardiac hypertrophy and extramedullary erythropoiesis in newborn infants of prediabetic mothers (ab), Herbert C. Miller, Feb., 199

—chronic stridor in early life due to persistent right aortic arch: report of 2 cases (ab), Harold K. Faber, John W. Hope, and Francis L. Robinson, Jan., 92

—congenital duodenal obstruction. Report of 6 cases and review of the literature, Friedrich G. Kautz, James R. Lisa, and Ernest Kraft, April, 334

—hypertrophic pyloric stenosis: roentgenologic differential diagnosis (ab), Russell F. Miller and Herman W. Ostrum, May, 537

—infantile cortical hyperostoses: preliminary report on new syndrome (ab), John Caffey and William A. Silverman, May, 538

—megacolon in newborn. Clinical and roentgenological study with special regard to pathogenesis (preliminary report) (ab), Th. Ehrenpreis, April, 429

—occurrence and significance of early periosteal proliferation in diaphyses of premature infants (ab), Nils Malmberg, April, 433

—pneumoperitoneum in the first month of life with recovery. Two case reports (ab), G. P. Rosemond and H. T. Caswell, May, 534

—roentgen anatomy of skull in newborn infant, Samuel G. Henderson and Louise S. Sherman, Feb., 107

—roentgen therapy of hemangioma of larynx in infants (ab), H. H. Kasabach and C. P. Donlan, Feb., 208

—roentgenologic determination of heart volume in infants. Preliminary report (ab), Oliver Axén and John Lind, April, 426

—some practical hints on performance of urography on infants (ab), Harald Christiansen, June, 626

—stenosis of sigmoid in newborn (ab), W. R. Bagley and E. C. Bagley, April, 429

—tuberculous pleurisy with effusion in infancy (ab), Janet B. Hardy and Edwin L. Kendig, Jr., Jan., 89

—unusual bone lesions in an infant, probably osteitis tuberculo-sis multiplex cystoides, F. Y. Khoo and Y. Yang, March, 263

INFECTION
 —problem of secondary infection in carcinoma of cervix, Manuel Garcia and Joseph V. Schlosser, May, 448

INTERVERTEBRAL DISKS. See **Spine**

INTESTINES
 See also **Colon; Sigmoid**
 —cellular dynamics in intestinal mucosa: effect of irradiation on epithelial maturation and migration (ab), Nathan B. Friedman, May, 537

—regional ileitis (ab), G. W. H. Schepers, Feb., 200

INTESTINES—cont.

cancer
—malignant tumors of small intestine. Review of literature and report of 21 cases (ab), Kenneth Fraser, March, 300
diverticula
—diverticulosis of jejunum and ileum, Max Ritvo and Paul J. Votta, April, 343
epiploic appendages
—calcified appendices epiploicae as freely mobile bodies in abdominal cavity (a roentgen-diagnostically interesting subsidiary find) (ab), Olallo Morales, April, 429
foreign bodies
—gallstone ileus (ab), Gordon McHardy and Donovan C. Browne, March, 301
—intestinal obstruction by gallstones (ab), Maurice Lee, Feb., 200
hemorrhage
—pancreatic calculi as rare cause of hemorrhage. Report of case, George Crile, Jr., and Henry L. Jaffe, June, 586
obstruction
See also Intestines, foreign bodies; Intussusception
—strangulating obstruction of small bowel with special reference to cases with poor roentgen findings (ab), J. Frimann-Dahl, April, 428

roentgenography
—case of sprue syndrome (ab), James Isbister, March, 300
—clinical significance of alteration of small intestinal pattern as demonstrated by x-ray (ab), Julian M. Ruffin, George J. Baylin, and David Cayer, March, 299

—Henoch's purpura: small intestinal changes. Case report, William H. Whitmore and Gerald M. Peterson, April, 373

tuberculosis
—some cases in phthisics, with reference especially to prognosis (ab), S. B. Larsen, June, 618

volvulus
—fluoroscopically reduced sigmoid volvulus; case (ab), Bengt S. Holmgren, April, 428
—periodic, spontaneously remittent volvulus and the symptoms in cases of colon elongatum (ab), Flemming Nørsgaard, June, 618

INTUSSUSCEPTION
—in children: spontaneous reduction and sources of error in its diagnosis (ab), Hans Hellmer, April, 428
—intermittent colon invagination on basis of tumor; cases (ab), Gösta Lindquist, April, 429
—invagination of stomach: case diagnosed by roentgen examination (ab), Kai Dohn and Börge Faber, June, 617
—radiologic study of cecocolic invagination in adult (ab), René J. Gilbert and J. García-Calderón, June, 618
—reduction of ileal-ileocolic intussusception by contrast enema (ab), E. Dahl-Iversen and Børge Fogh, Feb., 200
—unusual case of pure colon invagination (ab), Arne Clausen, April, 429

IONIZATION CHAMBER. See Roentgen Therapy, dosage

IRON
—idiopathic pulmonary hemosiderosis (essential brown induration) (ab), Per Selander, Jan., 91

—iron oxide dust and the lungs of silver finishers (ab), A. I. G. McLaughlin, J. L. A. Grout, H. J. Barrie, and H. B. Hardinge, Feb., 196

IRVING, JAMES G. See SOULE, ARTHUR B., Jr.

ISBISTER, JAMES: Case of Besnier-Boeck-Schaumann syndrome, or benign lymphogranulomatosis, with pneumothoraces (ab), Feb., 198

Case of sprue syndrome (ab), March, 300

ISCHIUM
epiphysis of ischial tuberosity: case report (ab), Paul E. McMaster, May, 540

ISOMAGGLUTININS
—cold isomagglutinins: their association with hemolytic anemia and multiple thromboses in primary atypical pneumonia. Brief review of clinical and laboratory problems involved (ab), William R. Platt and Charles S. Ward, Jr., March, 294

ISOTOPES, RADIOACTIVE. See Radioactivity

IVIE, JOS. MCK.: Congenital absence of the odontoid process. Report of case, March, 268

—See ECHLIN, FRANCIS A.

J

JACKMAN, JAMES, and LUBERT, MORTIMER: Significance of calcification in the ascending aorta as observed roentgenologically (ab), March, 310

JACOBS, LEWIS G. See GILMORE, JOHN H.

JAFFE, HENRY L.: Evaluation of roentgen therapy in filariasis (ab), March, 315

—See CRILE, GEORGE, Jr.

JAMES, C. C. MICHAEL: Late bone lesions in caisson disease. Three cases in submarine personnel (ab), June, 621

JANSSON, GÖSTA: Roentgen treatment and the course of cure of giant cell tumor in the osseous system (10-12 years' cure) (ab), April, 438

JAPANESE-AMERICANS
—incidence of tuberculosis in Japanese-Americans: a study of a homogeneous racial group (ab), H. E. Bass and G. D. Carlyle Thompson, May, 532

JAWS
—arthrography of mandibular joint (ab), Flemming Nørsgaard, April, 422

—roentgenographic appearance of temporomandibular dysfunction, Arnold L. Bachman and Albert L. Bershon, March, 251

—roentgenographic demonstration of concretions in the submandibular glandular duct by use of intraoral films, George D. Monardo, Jan., 53

JEJUNUM. See Intestines

JENSEN, ANTON: Dosis measurements in roentgen irradiation of the female pelvis (ab), June, 639

JENSEN, S. HOEFFER: Simple device for continuous control of roentgen-ray output (ab), June, 630

—**NIELSEN, JENS, and THAYSEN, V.**: Evaluation of different factors in rotation therapy (ab), May, 546

JOINTS
See also Elbow; Hip; Jaws; Knee; etc.

—reflex hyperemic deossifications regional to joints of the extremities, Alfred A. de Lorimier, William L. Minear, and Harold B. Boyd, March, 227

diseases

—associated with acromegaly (ab), H. Waine, G. A. Bennett, and W. Bauer, March, 305

—chronic melioidosis. Case showing multiple lesions of bones, joints and lungs (ab), J. H. Mayer, May, 539

JORUP, SIGVARIS: Case of chondrolystrophy congenita calcificans (ab), April, 434

JUBILEE ASSEMBLY, Palestine Jewish Medical Association, Feb., 186

K

KANE, I. J. See GRISHMAN, A.

KAPLAN, HENRY S. See RIGLER, LEO G.

KAPLAN, IRA I.: Roentgen therapy of arthritides (ab), May, 546

KARPEL, SAUL, WAGGONER, IRVING M., and McCOWN, OSWALD S., Jr.: Primary atypical pneumonia: critical analysis of 500 cases (ab), Jan., 90

KASABACH, H. H., and DONLAN, C. P.: Roentgentherapy of hemangioma of the larynx in infants (ab), Feb., 208

KATZ, SOL: See HUSSEY, HUGH H.

KAUFMAN, JUSTUS: Isolated myeloma in a fourteen year old boy (ab), June, 620

KAUTZ, FRIEDRICH G., LISA, JAMES R., and KRAFT, ERNEST: Congenital duodenal obstruction. Report of six cases and review of the literature, April, 334

KEENE, CLIFFORD H., and COBLEMAN, BENJAMIN: Traumatic right diaphragmatic hernia: case with delayed herniation of liver and gallbladder (ab), June, 619

KEEVIL, R. F. See ADAMSON, J. D.

KELLEY, CHARLES H.: Enlarged parietal foramina and similar shadows seen in osteoporosis circumscripta: two cases, June, 601

KEMP, F. H.: X-rays in diagnosis and localisation of gas-gangrene (ab), Feb., 205

KEMP, L. A. W.: New circuit with special applications in gamma-ray and x-ray dosimetry (ab), April, 439

KENDIG, EDWIN L., Jr. See HARDY, JANET B.

KENDIG, TOM A.: Pelvicocephalometry, April, 391

KENNEY, ROGER L. J. See DOCKERTY, MALCOLM B.

KERNOHAN, J. W. See COVENTRY, M. B.

KEROSENE
—ingestion of kerosene complicated by pneumonia, pneumothorax, pneumopericardium, and subcutaneous emphysema (ab), Arnold F. Lavenstein, Feb., 195

KERR, H. DABNEY, and EINSTEIN, ROBERT A. J.: Results of irradiation of ovarian tumors (ab), Feb., 207

KERSHNER, DAVID, and KESSLER, LEON N.: Solitary cyst of the kidney. Case report (ab), March, 310

KESSLER, LEON N. See KERSHNER, DAVID

KESTON, ALBERT S. See FOX, CHARLES L., Jr.

KHOO, F. Y., and YANG, Y.: Unusual bone lesions in an infant, probably osteitis tuberculosa multiplex cystoides, March, 263

KICKHAM, CHARLES J.: Obstruction of the ureter in children (ab), April, 436

KIDNEYS
See also Aneurysm, renal; Hydronephrosis

—arteriography in renal and abdominal conditions (ab), O. A. Nelson, Feb., 205

—renal osteodystrophy. Report of case of unusual pathogenesis (ab), John J. Castronovo, Feb., 201

—tissue calcification and renal failure produced by massive dose vitamin D therapy of arthritis (ab), T. S. Danowski, A. W. Winkler, and J. F. Peters, June, 624

abnormalities

—anomalies of ureters and kidneys as observed by the radiologist (ab), Bernard H. Nichols, March, 308

—bilateral crossed renal ectopia: case report (ab), Charles M. Norfleet, Jr., May, 542

—crossed renal ectopia; case (ab), Quince B. Coray, March, 309

—duplication of right kidney pelvis and ureter with extravesical ureteral opening (ab), Russell J. Moe, March, 308

—ectopia: study of twenty-three cases (ab), Bari F. Nation, March, 309

—pathologic and anomalous conditions associated with duplication of renal pelvis and ureters (ab), Ruy Goyanna and Laurence F. Greene, May, 541

—renal hypoplasia with hydronephrosis and primary amenorrhea. Report of case (ab), Frank M. Huff and William P. Boger, Jr., June, 625

—unusual horseshoe kidney; case (ab), Henry Bodner and Max K. Moulder, Jan., 101

KIDNEYS—cont.

- calculi
- renal lithiasis and its treatment (ab), A. Hyman, March, 307
- cancer. See also Kidney, tumors
- relationship of epithelial buds to carcinoma of pelvis of kidney, ureter and bladder (ab), Albert E. Bothe, Jan., 104
- cysts
- solitary cyst (ab), John W. Martin, Jan., 101
- solitary cyst; case (ab), David Kershner and Leon N. Kessler, March, 310
- diseases
- excretion urography, its value in diagnosis (ab), Harry A. Olin, March, 307
- inflammatory lesions (ab), Lewis J. Friedman and Paul S. Friedman, March, 307
- fistula. See Fistula
- infarction
- traumatic infarction (ab), W. K. Rexford and Paul J. Connolly, March, 308
- movable
- renal dystopia (ab), Leon Solis-Cohen and Samuel Levine, March, 309
- roentgenography. See Pyelography
- tuberculosis
- miliary tuberculosis after retrograde pyelography. Report of case (ab), Åke Lindblom, May, 541
- tumors
- discussion on radiotherapy of tumors of kidney and bladder (ab), Stanford Cade and F. G. Stebbing, March, 314
- lymphoblastoma, S. E. Freifeld, May, 507
- pathological-anatomical basis of tumor arteriography. Investigation of arterial vessels of hypernephromas and carcinomas of stomach (ab), Lars Billing and Åke G. H. Lindgren, March, 311
- Wilms' tumor (ab), Archie L. Dean, April, 438
- Wilms' tumor (ab), Roy G. Giles, Feb., 208
- Wilms' tumor with five year survival following preoperative roentgen therapy and nephrectomy (ab), Frederick B. Mandeville and Charles M. Nelson, March, 314
- wounds and injuries
- radiology of war injuries. Part II. War wounds of the urinary tract (ab), D. B. McGrigor and Eric Samuel, March, 310
- traumatic infarction (ab), W. K. Rexford and Paul J. Connolly, March, 308

KING, JOHN T. See HAMPTON, AUBREY O.

KINZER, RICHARD E.: Chest x-ray examination: analysis of disqualifying conditions found among 105,141 selectees (ab), April, 424

KJELLBERG, SVEN R. See BENNER, SVEN

KLAFF, DANIEL D.: Bilateral congenital atresia of the choanae (ab), March, 294

KLIPPEL-FEIL SYNDROME. See Spine, abnormalities

KNEE

- See also Similunar Cartilages
- para-articular calcification (Pellegrini-Stieda) in affections of knee (ab), I. William Nachlas and John L. Olpp, June, 623
- pathology of anomalies found in joints (ab), Samuel H. Nickerson, Jan., 99
- pneumarthograms. Diagnostic aid in internal derangements (ab), W. H. McGaw and E. C. Weckesser, May, 540
- roentgen diagnosis of knee-joint effusion, Arnold L. Bachman, May, 462

KNEPPER, PAUL A.: Parachute fractures (ab), May, 541

KNUTSSON, FOLKE: Instability associated with disk degeneration in the lumbar spine (ab), April, 432

KORNBLUM, STANLEY A. See LODER, HORACE B.

KOSTRUBALA, JOSEPH G.: Potential anatomical spaces in the face (ab), March, 293

KRAFT, ERNEST. See KAUTZ, FRIEDRICH G.

KRATZMAN, EMIL A. See LÉOPOLD, JÉRÔME S.

KRETSCHMER, HERMAN L. See SQUIRE, FAY H.

KRUKENBERG TUMORS. See Ovary, tumors

KUNSTADTER, RALPH H. and PENDERGRASS, ROBERT C.: Primary coccidioidomycosis. A possible pediatric problem (ab), Jan., 90

KUSHILAN, SAMUEL D. See LOWMAN, ROBERT M.

KYMOGRAPHY

- value for differential diagnosis between aneurysm of aorta and mediastinal tumor (ab), Bryan Fabricius, June, 615

L**LACTATION**

- nursing—a source of error in cholecystography (ab), F. Polgar, May, 538

LAHEY, FRANK H.: Intrathoracic goiters (ab), May, 536

LAMINAGRAPHY. See Body Section Roentgenography

LANDOFF, G. A.: Osteomyelosclerosis (ab), May, 540

LANGHOR, JOHN L. See ROBBINS, LAURENCE L.

LARSEN, S. B.: Some cases of intestinal tuberculosis in phthisis, with reference especially to the prognosis (ab), June, 618

LARYNX

- passage of contrast substances through the hypopharynx (ab), Karl Søndergaard, June, 612

CANCER

- discussion on treatment of carcinoma (ab), E. D. D. Davis, Lionel Colledge, M. Lederman et al., March, 312

tumors

- roentgen therapy of hemangioma in infants (ab), H. H. Kasabach and C. P. Donlan, Feb., 208

LAURENCE, GEORGE C. See SINGER, GEORGE

LAVENSTEIN, ARNOLD F.: Ingestion of kerosene complicated by pneumonia, pneumothorax, and pneumoperitoneum, and subcutaneous emphysema (ab), Feb., 195

LAYNE, JOHN A. See BOYDEN, EDWARD A.

LAZARUS, JOSEPH A. and MARKS, MORRIS S.: Primary carcinoma of ureter with special reference to hydrocephrosis. Review of literature and report of an unusual case (ab), June, 626

LEAD

- roentgenological changes in lead poisoning (ab), Stig Radner, March, 305

LEDDY, EUGENE T. See BACON, JOHN F.

LEDERMAN, M., and CLARKSON, J.: Radium treatment of cancer of the oesophagus (ab), Feb., 207

—See DAVIS, E. D. D.

LEE, H. G.: Radiolucent synostosis of traumatic origin: case report (ab), March, 304

LEE, MAURICE: Intestinal obstruction by gall-stones (ab), Feb., 200

LEE, RICHARD K. C. See FERKANEY, JOSEPH E.

LEGION OF MERIT

- awarded to Major Milton Friedman, May, 523

LEGS. See Extractions

LEMON, DAVID V. See ACKERMAN, LAUREN V.

LEON BLANCO, FRANCISCO. See SANGUILY, JULIO

LÉOPOLD, JÉRÔME S., and KRATZMAN, EMIL A.: Obstructive pulmonary emphysema associated with pneumonia in childhood (ab), May, 534

LÉOPOLD, SIMON S. See PENDERGRASS, EUGENE P.

LERNER, HENRY H., and GAZIN, ALBERT I.: Intercartilicular isthmus hiatus (spondylyolysis), June, 573

LESTER, CHARLES W.: Pulmonary abscess, acute and chronic (ab), March, 295

LEUCUTIA, T.: Value of orchiectomy in treatment of carcinoma of male breast, May, 441

LEUKEMIA**lymphatic**

- skeletal changes in acute leukoses of children (ab), Olof Brandberg, Jan., 100

therapy

- research with radioactive isotopes (ab), Erik Lindgren, April, 438

—treatment of leukemia with artificial radioactive sodium: preliminary report (ab), Jørgen E. Thygesen, Aage Videbæk, and Irgens Villaume, June, 630

LEVI, LEO M.: Response to preoperative irradiation as a clue to the management of breast cancer (ab), May, 542

LEVIN, OSCAR L., and BEHRMAN, HOWARD T.: Roentgen ray therapy of mycosis fungoides (ab), March, 316

LEVINE, BERNARD: Aneurysm of the renal artery (ab), May, 542

LEVINE, MICHAEL: Effect of colchicine and x-rays on onion root tips (ab), Jan., 100

LEVINE, SAMUEL. See SOLIS-COHEN, LEON

LEVITIN, JOSEPH: March fracture of the articular surface of the tibia and its relation to osteoarthritis, March, 273

LEWIS, IRA, and MORGAN RUSSELL H.: Value of stereoscopy in stress radiography of the chest, Feb., 171

LEWIS, JAMES E. See GROSS, ROBERT E.

LEWISON, E. F. See MURBACH, C. F.

LEWITAN, ALEXANDER, and NYGAARD, K. K.: Roentgen demonstration of a benign intramural tumor (fibroma) on the greater curvature of the stomach, June, 590

LIND, JOHN. See AXÉN, OLIVER

LINDBLOM, K.: Protrusions of disks and nerve compression in the lumbar region (ab), May, 540

Subacute swelling of the soft tissues in osteochondritis (ab), April, 434

LINDEBOM, ÅKE: Miliary tuberculosis after retrograde pyelography. Report of a case (ab), May, 541

LINDGREN, ÅKE G. H. See BILLING, LARS

LINDGREN, ERIK: Research with radioactive isotopes in the treatment of leukemia (ab), April, 438

LINDHOLM, STIG. See SUNDBERG, C. G.

LINDQUIST, GÖSTA: Cases of intermittent colon invagination on the basis of tumor (ab), April, 429

LIPOCHONDRODYSPIPHY

—Hüller's disease (lipochondrodyplasia); case (ab), H. R.

—See in J. K. Maddox, April, 434

LIPOID PNEUMONIA. See Pneumonia**LIPOMA**. See Tumors, lipoma

LISA, JAMES R. See KAUTZ, FRIEDRICH G.

LIVER**calcification**. See Liver, tumors**hermia**

- traumatic right diaphragmatic hernia: case with delayed herniation of liver and gallbladder (ab), Clifford H. Keene and Benjamin Copleman, June, 619

tumors

- calcified hemangiomas (ab), Melvin Aspray, March, 301

LODER, HORACE B., and KORNBLUM, STANLEY A.: Duodenal ulcer in a large army camp: incidence and statistical analysis (ab), April, 428

LÖFFLER'S SYNDROME. See Lungs, pathology

LOUGH, ROGER. See PORTMANN, U. V.

LOVE, J. GRAFTON. See EHNI, GEORGE

(ab), H. H.
GE complicated
cardium, and
S.: Primary
to hydro-
an unusual
Stig Radner,
treatment of
origin: case
stones (ab),
E.

V.
JULIO
.: Obstructive
pneumonia
GENE P.
teratocellular
and chronic
t of carci-
(ab), Olof
gren, April
sive sodium:
Age Vide-
n as a clue
542
Roentgen
316
(ab), May,
s on onion
surface of
March, 273
of stereos-
1

Roentgen
or (fibro-
ach, June,
pression in
ritis (ab),
le pyelog-
es in the
agitation
(ab), H. R.
delayed
H. Keene
301
.: Du-
statistical

LOW-BEER, BERTRAM V. A., and STONE, ROBERT S.: Treatment of late post-irradiation ulcers with radon ointment, Feb., 149

LOWMAN, ROBERT M., and DOFF, SIMON D.: Arteriography for the demonstration of intracranial aneurysms (ab), Feb., 204

— and KUSHLAN, SAMUEL D.: "The Krukenberg tumors." The roentgen and gastroenterological aspects of secondary ovarian carcinoma (ab), March, 306

LUBERT, MORTIMER. See JACKMAN, JAMES

LÜBSCHITZ, KAREN: Paget's disease on the nipple with special reference to its course and treatment (ab), May, 543

LUNGS

- influence of intra-alveolar pressure on normal and pathologic structure of lungs (ab), Nils Westermark, April, 422
- Paragonimus westermani: case report, Thomas H. Brem and Harold A. Cohn, May, 511
- production of growth by action of pituitary gland on vascular and hemopoietic systems: interrelationship between lungs and pituitary gland (ab), Robert C. Mochlig, June, 614
- abscess

 - acute putrid abscess (ab), Harold Neuhof, Feb., 193
 - pulmonary abscess, acute and chronic (ab), Charles W. Lester, March, 295
 - blood supply. See also Aneurysm, pulmonary
 - pulmonary embolism from obscure sources (ab), Aubrey O. Hampton, Andrew G. Prandoni, and John T. King, May, 534
 - roentgenographic pulmonary changes in periarteritis nodosa (ab), Tore Svanberg, Feb., 196
 - serial roentgenograms of chest in periarteritis nodosa as aid to diagnosis, with notes on pathology of pulmonary lesions (ab), A. Elkeles and L. E. Glynn, Feb. 196
 - calcification

 - egg-shell calcifications in silicosis (ab), Allen D. Riemer, March, 295

 - cancer

 - difficulties in differential diagnosis of bronchogenic carcinoma (ab), Robert G. Bloch, William E. Adams, Thomas F. Thornton, and J. Edmond Bryant, Feb., 198
 - early diagnosis of diseases of chest (value of mass surveys) (ab), Norman J. Wilson, Jan., 89
 - primary bronchogenic carcinoma (ab), Alton Ochsner, J. Leonard Dixon, and Michael DeBakey, Feb., 197
 - primary cancer, presumably arising from an old tuberculous cavern; case (ab), Gregers Thomsen and S. A. Chrom, June, 613
 - cysts

 - so-called cyst, apparently subpleural interstitial airspace; case (ab) Jan Nordenkjöld, April, 426

 - diseases

 - bronchography as diagnostic aid (ab), George S. McReynolds, Jr., and Fred W. Shelton, Jan., 88
 - chronic melioidosis. Case showing multiple lesions of bones, joints and lungs (ab), J. H. Mayer, May, 539
 - idiopathic pulmonary hemosiderosis (essential brown induration) (ab), Per Selander, Jan., 91
 - primary coccidioidomycosis: possible pediatric problem (ab), Ralph H. Kunstadter and Robert C. Pendergrass, Jan., 90
 - dust diseases. See Pneumoconiosis
 - edema. See Lungs, pathology
 - emphysema. See Emphysema
 - fibrosis

 - acute interstitial fibrosis: case (ab), Howard Eder, Clinton V. Hawn, and George Thorn, Feb., 194
 - hemorrhage

 - relapsing, diffuse bleedings or hemosiderosis pulmonum—a new clinical diagnosis (ab), Jan Waldenström, May, 533

 - infarction

 - septic infarction: report of 8 cases (ab), Hugh H. Hussey and Sol Katz, March, 295

 - pathology

 - Loeffler's syndrome associated with creeping eruption (cutaneous helminthiasis) (ab), D. O. Wright and Edwin M. Gold, June, 614
 - Loeffler's syndrome—eosinophilic pneumonia. Case report (ab), Sidney Scherlis, Feb., 197
 - transient focal pulmonary edema (ab), Carleton B. Pearce, Everett F. Crutchlow, Arthur T. Henderson, and Joseph W. McKay, May, 534
 - transient successive pulmonary infiltrations (Loeffler's syndrome), Max Eichwald and William V. Singletary, March, 258

roentgenography. See also Tuberculosis, Pulmonary, mass roentgenologic surveys

 - attitude of industry toward x-ray examinations of chest (ab), C. D. Selby, May, 533
 - changes due to mitral stenosis simulating those due to silicosis (ab), Henry W. Ryder and H. G. Reinke, Jan., 91
 - disseminated calcified and bony nodules in lungs associated with mitral disease (ab), A. Grishman and I. J. Kane, April, 426
 - influence of intra-alveolar pressure on normal and pathologic structure (ab), Nils Westermark, April, 422
 - tomography (ab), J. B. McDougall, Feb., 207
 - tuberculosis. See Tuberculosis, Pulmonary
 - tumors

 - due to Cryptococcus histolyticus (blastomycosis) (ab), B. A. Dormer, J. Friedlander, F. I. Wiles, and F. W. Simson, June, 613

— hamartoma (often called chondroma) (ab), John R. McDonald, Stuart W. Harrington, and O. Theron Clagett, Feb., 198

wounds and injuries

 - blast injury: clinical and radiological findings and their relation to certain symptoms (ab), G. R. Fearnley, Feb., 197
 - concussion ("blast") in non-thoracic battle wounds (ab), Oswald Savage, Feb., 197

LUTZ, WALTER G. See WILSON, HUGH M.

LYMPHANGIOMA. See Tumors, angioma

LYMPHOBLASTOMA. See Tumors, lymphoblastoma

LYMPHOGRANULOMA. See Sarcoidosis

LYMPHOMA. See Tumors, lymphoma

LYON, ERNST: Uncovertable osteophytes and steochondrosis of the cervical spine (ab), Feb., 202

LYSHOLM, ERIK: Fluorescent screen laminagraph (ab), March, 312

M

McCarthy, PAUL V., and AKENHEAD, WALTON R.: Pneumoconiosis due to cotton dust (byssinosis). Case report, Jan., 46

— See VAN DEMARK, R. E.

McCOWN, OSWALD S., Jr. See KARPEL, SAUL

McCUNE, WM. S., and WOODHALL, BARNEs: Skull defect and herniation of cerebrum with absence of dura following head injury in adolescence (ab), Feb., 193

MacDONALD, COLIN: Hysterosalpingography in sterility (ab), Jan., 100

MacDONALD, JOHN R., HARRINGTON, STUART W., and CLAGETT, O. THERON: Hamartoma (often called chondroma) of the lung (ab), Feb., 198

McDOUGALL, J. B.: Tomography (ab), Feb., 207

McGAW, W. H., and WECKESSER, E. C.: Pneumarthograms of the knee. Diagnostic aid in internal derangements (ab), May, 540

McGRIGOR, D. B., and SAMUEL, ERIC: Radiology of war injuries. Part I. War wounds of abdomen (ab), Feb., 201

Radiology of war injuries. Part II. War wounds of the urinary tract (ab), March, 310

Radiology of war injuries. Part III. War wounds of the chest (ab), April, 423

Radiology of war injuries. Part IV. War wounds of the head and neck (ab), May, 531

McGUFFIN, W. H., honored with degree of Doctor of Laws, May, 523

McHARDY, GORDON, and BROWNE, DONOVAN C.: Gallstone ileus (ab), March, 301

McKAY, JOSEPH W. See PEIRCE, CARLETON B.

MacLACHLAN, E. A. See TALBOT, NATHAN B.

McLAUGHLIN, A. I. G., GROU, J. L. A., BARRIE, H. J., and HARDING, H. E.: Iron oxide dust and the lungs of silver finishers (ab), Feb., 196

McMASTER, PAUL E.: Epiphysitis of the ischial tuberosity: case report (ab), May, 540

MacMILLAN, J. A.: Problems in x-ray localization of foreign bodies in and about the eye (ab), Jan., 88

McREYNOLDS, GEORGE S., Jr., and SHELTON, FRED W.: Bronchography as a diagnostic aid in chest disease (ab), Jan., 88

MADDOX, J. K. See SEAR, H. R.

MADONICK, M. J., and OLJENICK, IGNATZ W.: Displacement of pineal gland with extradural hemorrhage (ab), Feb., 193

MAGNUSSON, WOLFGANG: Radiographic manifestation of tuberculous salpingitis (ab), Feb., 204

MAITLAND, D. G.: Radiology of pelvic types and their obstetrical significance (ab), April, 435

MALMBERG, NILS: Occurrence and significance of early periosteal proliferation in the diaphyses of premature infants (ab), April, 433

MANDEVILLE, FREDERICK B., and NELSON, CHARLES M.: Wilms' tumor of kidney with five year survival following preoperative roentgen therapy and nephrectomy (ab), March, 314

MANDIBLE. See Jaws

MANN, TREVOR P.: Fatigue fracture of tibia. Three cases at a naval training establishment (ab), June, 625

MANTZ, HARRY E. See BACHMAN, ARNOLD L.

MARBLE, HENRY C., and BISHOP, WILLIAM A.: Intervertebral disc injury: analysis from an industrial standpoint (ab), March, 302

MARCH FRACTURE. See Fractures: Tibia, fractures

MARKS, MORRIS S. See LAZARUS, JOSEPH A.

MARTIN, HAYES, and REESE, ALGERNON B.: Treatment of bilateral retinoblastoma (retinal glioma) surgically and by irradiation. Report on progress (ab), May, 542

MARTIN, JOHN W.: Renal cyst, solitary (ab), Jan., 101

MARUM, GOTTLIEB J.: Roentgenographic observations in age atrophy and osteoporosis of the spine, March, 220

MASS SURVEYS. See Tuberculosis, Pulmonary

MASTITIS. See Breast, inflammation

MAXILLARY SINUS

 - cancer
 - individualization in management of carcinoma (ab), Maurice F. Smitman, Jan., 103

MAYER, EDGAR: Light and x-ray therapy of tuberculosis (ab), March, 316

— and RAPPAPORT, ISRAEL: Pulmonary emphysema—newer concepts (ab), March, 296

MAYER, J. H.: Chronic melioidosis. Case showing multiple lesions of bones, joints and lungs (ab), May, 539

MAYERS, LAURENCE H.: Bone regeneration following osteomyelitis (ab), Jan., 95

MEDIASTINUM

- defect of anterior mediastinum: successful surgical repair (ab), Robert E. Gross and James E. Lewis, Jr., March, 297
- emphysema.** See Emphysema
- syphilis**
 - occlusion of superior vena cava due to syphilitic mediastinitis. Collateral circulation after nineteen years (ab), Frederic D. Zeman, June, 615
- tumor**
 - value of kymography for differential diagnosis between aneurysm of aorta and mediastinal tumor (ab), Bryan Fabricius, June, 615

MEDICAL ECONOMICS

- hospital fluorography: its implications (letter to editor), J. Edwin Habbe, May, 523

MEGACOLON. See Colon, dilation

MEILSTRUP, DREW B.: See IMLER, ALLISON E.

MELAMED, A., and FELD, S. M.: Luetic rectal stricture (ab), April, 429

MELIOIDOSIS

- chronic melioidosis. Case showing multiple lesions of bones, joints and lungs (ab), J. H. Mayer, May, 539

MENDELSONH, ERNST A.: Hiatus hernia of the stomach as a source of gastro-intestinal bleeding, May, 502

MENINGES. See Dura Mater

MENTAL DISEASES. See Feeble-mindedness

MEREDITH, W. J., and STEPHENSON, S. K.: Use of radiographs for dosage control in interstitial gamma-ray therapy (ab), Feb., 211

MERRILL, OLIVER E.: See ROBBINS, LAURENCE L.

MESCHAN, ISADORE: Spondylolisthesis: a commentary on etiology, and an improved method of roentgenographic mensuration and detection of instability (ab), Jan., 97

METATARSUS

- fractures
 - fatigue fracture: case, William E. Allen, Jr., March, 276
- MICRORADIOGRAPHY**
 - results of microradiography (ab), F. Bohatyrtchuk, June, 627

MILITARY MEDICINE

- military photoroentgen technic employing optimum kilovolt (peak) principles (ab), Arthur W. Fuchs, April, 437
- diseases.** See also Tuberculosis, Pulmonary, in soldiers
- duodenal ulcer in large army camp: incidence and statistical analysis (ab), Horace B. Loder and Stanley A. Kornblum, April, 428
- non-disabling bronchiectasis, Archie Fine and T. B. Steinhausen, March, 237
- wounds and injuries**
 - pulmonary concussion ("blast") in non-thoracic battle wounds (ab), Oswald Savage, Feb., 197
 - radiology of war injuries. Part I. War wounds of abdomen (ab), D. B. McGregor and Eric Samuel, Feb., 201
 - radiology of war injuries. Part II. War wounds of the urinary tract (ab), D. B. McGregor and Eric Samuel, March, 310
 - radiology of war injuries. Part III. War wounds of the chest (ab), D. B. McGregor and Eric Samuel, April, 423
 - radiology of war injuries. Part IV. War wounds of the head and neck (ab), D. B. McGregor and Eric Samuel, May, 531
 - value of routine roentgenographic studies of war injuries of head and neck (ab), Gilbert N. Haffly, Feb., 193

MILLER, D. K.: See FABER, JASON E.

MILLER, EARL R.: See DAILEY, MORRIS E.

MILLER, HERBERT C.: Cardiac hypertrophy and extramedullary erythropoiesis in newborn infants of prediabetic mothers (ab), Feb., 199

MILLER, J. E.: Spontaneous rectocolic fistula: report of case, May, 518

MILLER, RUSSEL F., and OSTRUM, HERMAN W.: Hypertrophic pyloric stenosis in infants: roentgenologic differential diagnosis (ab), May, 537

MILLMAN, W. S.: Osteochondritis dissecans of the supraventricular septum (ab), June, 622

MINEAR, WILLIAM L.: See de LORIMIER, ALFRED A.

MINOR, HOWARD H.: See GROSSMAN, J. W.

MITRAL VALVE

- dextrocardia with situs inversus complicated by chronic rheumatic aortic and mitral endocarditis (ab), George W. Parson, June, 616
- disseminated calcified and bony nodules in lungs associated with mitral disease (ab), A. Grishman and I. J. Kane, April, 426
- evaluation of teleroentgenographic mensuration and cardiac roentgenoscopy in diagnosis of early mitral valve disease (ab), Bernard S. Epstein, Jan., 93
- pulmonary roentgenographic changes due to mitral stenosis simulating those due to silicosis (ab), Henry W. Ryder and H. G. Reineke, Jan., 91
- roentgen findings in intracardiac and particularly perimital calcifications (ab), Henning Odqvist, April, 426

MOE, RUSSELL J.: Duplication of right kidney pelvis and ureter with extravesical ureteral opening (ab), March, 308

MOEHLIG, ROBERT C.: Production of growth by the action of the pituitary gland on the vascular and hemopoietic systems: interrelationship between the lungs and the pituitary gland (ab), June, 614

MONARDO, GEORGE D.: Roentgenographic demonstration of concretions in the submandibular glandular duct by use of intralabial films, Jan., 53

MONFORT, JOHN, POLAYES, SILIK H., and SORKIN, REUBEN: Infantile dwarfism (encephalomyelitis) in siblings (ab), June, 621

MONTGOMERY, THADDEUS L.: See BEECHAM, CLAYTON T.

MOONEY, A. CRAIG: Disc lesions in relation to pain (ab), March, 302

MOORE, ROBERT D.: Conservative management of adolescent slipping of the capital femoral epiphysis (ab), Jan., 99

MORALES, OLALLO: Calcified appendices epiloicae as freely mobile bodies in the abdominal cavity (a roentgen diagnostically interesting subsidiary find) (ab), April, 429

MORGAN, RUSSELL H.: Automatic exposure control in photofluorography (ab), Feb., 206

—See LEWIS, IRA

MORRISON, M. C.: Radiological findings in lesser sac effusions (ab), April, 430

MORTON, H. S.: See CRYSLER, W. E.

MOULDER, MAX K.: See BODNER, HENRY

MOUTH

- cancer**
 - necrotizing bronchopneumonia: its relation to radiation therapy of cancer of oral cavity (ab), Lauren V. Ackerman, H. M. Wiley, and David V. LeMone, Jan., 103
 - treatment with radium bearing moulds (ab), Kurt Wiener, Jan., 103
- MOVITT, E. R.:** Spontaneous pneumothorax as a complication of pneumonia in adults (ab), March, 295
- MUCOCOELE.** See Frontal Sinus
- MULTANGULAR BONE.** See Wrist
- MURBACH, C. F., LEWISON, E. F., and DEIBERT, G. A.:** Lymphangioma of the abdomen. An unusual case (ab), May, 538
- MURPHY, FRANCIS:** See WHITELEATHER, J. E.
- MURPHY, GEORGE E.:** See SISSON, JOHN H.

MUSCLES

- case of polymyositis treated with roentgen rays (ab), Hugo Ahlbom, March, 316
- congenital absence of pectoralis major (ab), Eric Samuel, Feb., 203

MYCOSIS FUNGOIDES

- roentgen ray therapy (ab), Oscar L. Levin and Howard T. Behrman, March, 316

MYELOGRAPHY. See Spinal Canal Roentgenography; Spine, intervertebral disks

MYELOMA. See Tumors, myeloma

MYELOMALACIA. See Spinal Cord

MYOCARDIUM. See Heart

MYOSITIS

- case of polymyositis treated with roentgen rays (ab), Hugo Ahlbom, March, 316

N

NACHLAS, I. WILLIAM, and OLPP, JOHN L.: Para-articular calcification (Pellegrini-Stieda) in affections of the knee (ab), June, 623

NALLS, WALTER L.: Pitfalls in the diagnosis of atypical pneumonia (ab), Feb., 195

NASOPHARYNX

- cancer**
 - myelomalacia of cervical portion of spinal cord, probably the result of roentgen therapy (of lymphoepithelioma) (ab), Lewis D. Stevenson and Robert E. Eckhardt, Jan., 105
 - roentgen treatment of malignant tumors (ab), Jens Nielsen, June, 627

NATHANSON, LOUIS. See SELIGMAN, BERNARD

NATION, EARL F.: Renal ectopia. Study of twenty-three cases (ab), March, 309

NAVAL MEDICINE

- fatigue fracture of tibia. Three cases at naval training establishment (ab), Trevor P. Mann, June, 625
- silicosis in foundries of gun factory (ab), Edwards M. Riley, Robert W. Butler, and Sidney Goren, Jan., 91

NECK

- wounds and injuries**
 - radiology of war injuries. Part IV. War wounds of the head and neck (ab), D. B. McGregor and Eric Samuel, May, 531
 - value of routine roentgenographic studies of war injuries of the head and neck (ab), Gilbert N. Haffly, Feb., 193

NECROSIS. See Radiations, injurious effects

NELSON, CHARLES M.: See MANDEVILLE, FREDERICK B.

NELSON, O. A.: Arteriography in renal and abdominal condition (ab), Feb., 205

NERVES

- protrusions of disks and nerve compression in lumbar region (ab), K. Lindblom, May, 540

NEUHAUSER, EDWARD B. D.: Roentgen changes associated with pancreatic insufficiency in early life, April, 319

NEUHOF, HAROLD: Acute putrid abscess of the lung (ab), Feb., 193

NEUROFIBROMATOSIS

- diffuse neurofibromatosis (von Recklinghausen's disease) involving the bulbar conjunctiva. Report of case, with lesions of the skeletal system and skin, bodily asymmetry and intracranial involvement (ab), Francisco Páez Alende, Jan., 87
- skeletal lesions (ed), June, 604

NEUTRONS. See Radioactivity

NEVI
See also Tumors, angioma
—slowly developing non-pigmented nevo-epithelioma presenting a non-characteristic histologic picture (ab), Jens M. Nordentoft, June, 627

NEWMAN, ELLIOTT V. See SISSON, JOHN H.

NEWMAN, HOWARD E. See HUDSON, PERRY B.

NICHOLAS, F. G.: Review of three gastric cases with positive radiological and negative laparotomy findings (ab), March, 299

NICHOLS, BERNARD H.: Anomalies of ureters and kidneys as observed by the radiologist (ab), March, 308

NICKERSON, SAMUEL H.: Pathology of anomalies found in knee joints (ab), Jan., 99

NIELSEN, HOWARD: Determination of the dose in circular phantoms under rotary irradiation (ab), June, 630

NIELSEN, JENS: Roentgen treatment of malignant tumors of the nasopharynx (ab), June, 627

—See JENSEN S. HOFER

NØRGAARD, FLEMMING: Arthrography of mandibular joint (ab), April, 422

Periodic, spontaneously remittent volvulus and the symptoms in cases of colon elongatum (ab), June, 618

NORDENSKJÖLD, JAN: Case of so-called lung cyst, apparently a subpleural interstitial airspace (ab), April, 426

NORDENTOF, JENS M.: Slowly developing non-pigmented nevo-epithelioma presenting a non-characteristic histologic picture (ab), June, 627

NORFLEET, CHARLES M., JR.: Bilateral crossed renal ectopia: case report (ab), May, 542

NORGORE, MARTIN: Clinical anatomy of the vertebral veins (ab), Feb., 204

NOSE
—bilateral congenital atresia of choanae (ab), Daniel D. Klaff, March, 294

—congenital atresia of posterior nares. Description of techniques used in meeting the operative difficulties and report of case (ab), Harold M. E. Boyd, March, 293

NUCLEINS
—effects of roentgen radiation on the thymonucleic acid content of transplantable mammary carcinomas (ab), Robert E. Stowell, Jan., 106

NUTTALL, JOHN R. See CARLING, E. ROCK

NYGAARD, K. K. See LEWITAN, ALEXANDER

O

OHAU
—tuberculosis survey of food handlers on Oahu (ab), Joseph E. Ferkany and Richard K. C. Lee, May, 533

OBITUARIES
Bryan, Lloyd, April, 414
Flinn, Fauntleroy, Jan., 82
Gianfranceschi, Joseph S., May, 524
Swope, Opie W., May, 524
Welch, Cecil Charles, April, 414

OCHSNER, ALTON, DIXON, J. LEONARD, and DeBAKEY, MICHAEL: Primary bronchogenic carcinoma (ab), Feb., 197

ODONTOID PROCESS
—congenital absence; case, Jos. McK. Ivie, March, 208

ODQVIST, HENNING: Studies on the roentgen findings in intracardiac and particularly perimital calcifications (ab), April, 426

OINTMENT
—new method of making radon ointment, L. Cardenas and J. L. Weatherwax, April, 381

—treatment of late post-irradiation ulcers with radon ointment, Bertram V. A. Low-Beer and Robert S. Stone, Feb., 149

—treatment of post-irradiation ulcers by radon ointment (ab), A. G. S. Cooper and D. F. Robertson, Feb., 212

OLIN, HARRY A.: Excretion urography, its value in the diagnosis of renal diseases (ab), March, 307

OLJENICK, IGNAC W. See MADONICK, M. J.

OLPP, JOHN L. See NACHLAS, I. WILLIAM

OLSSON, OLLE: Method for radiography of superficial layers (superficial tomography by vertical tube motion) (ab), March, 312

OPPENHEIMER, ALBERT: Diseases of the vertebral column: roentgenologic analysis (ab), Feb., 202

ORCHIECTOMY See Castration

OSBORN, S. B., TAVENER, DIANA R., and FARMER, F. T.: Dosage distribution in the treatment of ringworm by x-rays (ab), March, 316

OSTEITIS
—osteitis condensans ilii (ab), Hugh F. Hare and G. Edmund Haggart, May, 540

deformans
—“metastatic” calcification in soft tissues of legs in osteitis deformans: case report (ab), Bernard Seligman and Louis Nathanson, June, 624

tuberculous. See Bones, tuberculosis

OSTEOARTHRITIS
—march fracture of the articular surface of the tibia and its relation to osteoarthritis, Joseph Levitin, March, 273

OSTEOCHONDROSES
—subcostal swelling of soft tissues (ab), Knut Lindblom, April, 434

—uncovertebral osteophytes and osteochondrosis of cervical spine (ab), Ernst Lyon, Feb., 202

dissecans
—etiology (ab), S. Ribbing, April, 433

—of head of femur (ab), Ivan Hermansson, June, 622

—of supratrochlear septum (ab), W. S. Millman, June, 622

—of supratrochlear septum of humerus (ab), W. E. Crysler and H. S. Morton, May, 540

OSTEOCHONDROSIS
—incidence (ab), S. A. Chrom, June, 622

OSTEODYSTROPHY See Dwarfism, renal

OSTEOMA See Tumors, osteoma

OSTEOMYELITIS
See also Clavicle
—bone regeneration following osteomyelitis (ab), Laurence H. Mayers, Jan., 95

—osteomyelitis caused by granuloma inguinale: report of case with cultivation of Donovan body in yolk sac of developing chick embryo (ab), Walter H. Sheldon, Ben R. Thebaud, Albert Heyman, and Margaret J. Wall, June, 619

OSTEOPOROSIS See Cranium; Spine

OSTEOSCLEROSIS
—osteomycosclerosis (ab), G. A. Landoff, May, 540

OSTRUM, HERMAN W. See MILLER, RUSSEL F.

OVARY
—clinical effects of surgical and x-ray castration in mammary cancer (ab), Frank E. Adair, Norman Treves, Joseph H. Farrow, and Isabel M. Scharnagel, March, 312

cancer
—carcinoma treated preoperatively with deep x-ray. Report of 3 cases (ab), Thomas J. Parks, March, 314

—effect of deep x-rays on peritoneal metastases (ab), James Watt, Jan., 104

—results of irradiation (ab), H. Dabney Kerr and Robert A. J. Einstein, Feb., 207

tumors
—dygerminoma of ovary with widespread metastases, Eugene P. Pendergrass and Joseph Selman, April, 377

—“Kruckenberg tumors.” Roentgen and gastroenterological aspects of secondary ovarian carcinoma (ab), Robert M. Lowman and Samuel D. Kushner, March, 306

OVERGAARD, KRISTIAN: On Bechterew's disease from the roentgenologic point of view (ab), June, 623

OXYCEPHALY See Acrocephaly

P

PÁEZ ALLENDE, FRANCISCO: Diffuse neurofibromatosis (von Recklinghausen's disease) involving the bulbar conjunctiva. Report of case, with lesions of skeletal system and skin, bodily asymmetry and intracranial involvement (ab), Jan., 87

PAGET'S DISEASE See Breast; Osteitis deformans

PALESTINE JEWISH MEDICAL ASSOCIATION, Jubilee Assembly, Feb., 180

PANCREAS
—aberrant pancreatic tissue as roentgenologic problem (ab), George J. Baylin, Jan., 94

calculi
—as rare cause of intestinal hemorrhage. Report of case, George Crile, Jr. and Henry L. Jaffe, June, 586

cysts
—roentgen diagnosis, John F. Holt, April, 329

diseases
—cystic fibrosis (ed), April, 412

—roentgen changes associated with pancreatic insufficiency in early life, Edward B. D. Neuhauser, April, 319

PANTOPAQUE See Spinal Canal Roentgenography; Spine, intervertebral disks

PARACHUTE FRACTURE See Tibia, fractures

PARAGONIMUS
—Paragonimus westermani: case report, Thomas H. Brem and Harold A. Cohn, May, 311

PARALYSIS
phrenic
—mechanical paralysis of left hemidiaphragm complicating collapse therapy in pulmonary tuberculosis (ab), Oscar Feinsilver, Feb., 194

PARIETAL BONE
—enlarged parietal foramina and similar shadows seen in osteoporosis circumscripta: 2 cases, Charles H. Kelley, June, 601

PARKS, THOMAS J.: Carcinoma of the ovary treated preoperatively with deep x-ray. Report of three cases (ab), March, 314

PARSON, GEORGE W.: Dextrocardia with situs inversus complicated by chronic rheumatic aortic and mitral endocarditis (ab), June, 616

PARSONS, CLARE See FISHER, LLOYD D.

PATERSON, EDITH See GRAY, L. H.

PAUL, L. W., and ERICKSON, T. C.: Observations on the presence of subdural gas after pneumoencephalography, Feb., 139

—See POHLE, ERNST A.

PEACHER, WILLIAM G., and ROBERTSON, ROBERT C. L.: Pantopaque myelography: results, comparison of contrast media, and spinal fluid reaction (ab), March, 303

PEAKE, JOHN D.: Radiation therapy in uterine fibroids (ab), June, 629

PEIRCE, CARLETON B., CRUTCHLOW, EVERETT F., HENDERSON, ARTHUR T., and MCKAY, JOSEPH W.: Transient focal pulmonary edema (ab), May, 534

PELLEGRINI-STIEDA DISEASE See Pemphigus

PELVIS
 —dosis measurements in roentgen irradiation of female pelvis (ab), Anton Jensen, June, 630
MEASUREMENT
 —pelvic x-ray measurements and pelvic contraction (ab), Eric W. Frecker, April, 435
 —pelvicedrophometry, Tom A. Kendig, April, 391
 —radiology of pelvic types and their obstetrical significance (ab), D. G. Maitland, April, 435
 —studies in x-ray pelvimetry: evaluation of pelvic radiography with a plea for simplicity (ab), O. S. Heyns, March, 306
ROENTGENOGRAPHY
 —diagnosis of space-restricting processes in small pelvis (ab), Lennart Wallén, April, 430

PENDERGRASS, EUGENE P., and LEOPOLD, SIMON S.: Benign pneumoconiosis (ab), Feb., 195

— and SELMAN, JOSEPH: Dysgerminoma of the ovary with widespread metastases, April, 377

PENDERGRASS, ROBERT C.: Cardiac changes in arterio-venous fistula (ab), March, 297

— See KUNSTADTER, RALPH H.

PENIS
 —plastic induration (ab), K. Schourup, Feb., 210

PENMAN, A. CLARK. See EDWARDS, PETER W.

PENTOTHAL
 —roentgenologic examination of stomach with patient under sodium pentothal anesthesia (ab), H. E. Plenge and J. N. Ross, Jan., 94

PEPTIC ULCER
 —duodenal ulcer in large army camp: incidence and statistical analysis (ab), Horace B. Loder and Stanley A. Kornblum, April, 428
 —gastric and duodenal ulcers in infancy and childhood (ab), Edward J. Donovan and Thomas V. Santulli, Jan., 93
 —inflammatory lesions of upper gastrointestinal tract (ab), A. H. Aaron, March, 298
 —pneumothorax resulting from dissecting gastric ulcer: review of literature and report of case (ab), Perry B. Hudson, Lendall C. Gay, and Howard E. Newman, April, 428
 —short esophagus (thoracic stomach) and its association with peptic ulceration and cancer (ab), D. W. Smithers, May, 536
 —ulcer of second part of duodenum (ab), P. T. Crymble, March, 299

PERIARTERITIS NODOSA
 —roentgenographic pulmonary changes (ab), Tore Svanberg, Feb., 196

— serial roentgenograms of chest in periarteritis nodosa as an aid to diagnosis, with notes on pathology of pulmonary lesions (ab), A. Elkeles and L. E. Glynn, Feb., 196

PERICARDIUM
 —silicosis of pericardium. Case report (ab), Marguerite G. Stemmerman, March, 297

PERIOSTEUM
 —occurrence and significance of early periosteal proliferation in diaphyses of premature infants (ab), Nils Malmberg, April, 433

PERITONEUM
 —radiological findings in lesser sac effusions (ab), M. C. Morrison, April, 430

CANCER
 —effect of deep x-rays on peritoneal metastases of ovarian carcinoma (ab), James Watt, Jan., 104

PES PLANUS. See Foot, flat

PETERS, J. P. See DANOWSKI, T. S.

PETERSON, GERALD M. See WHITMORE, WILLIAM H.

PETROLEUM PRODUCTS
 —ingestion of kerosene complicated by pneumonia, pneumothorax, pneumopericardium and subcutaneous emphysema (ab), Arnold F. Lavenstein, Feb., 195

PFÄHLER, G. E.: Treatment of hemangioma, Feb., 159

PHARYNX
 See also Nasopharynx

CANCER
 —roentgen diagnosis of malignant tumors within boundary region between pharynx and esophagus (ab), Åke Åkerlund and Sörlie Welin, April, 422

PHILIP, J. F. See FOWLER, A.

PHOSPHORUS
 —radioactive. See Radioactivity

PHOTORENTGENOGRAPHY. See Recruits; Roentgen Rays; Tuberculosis, Pulmonary, mass roentgenologic surveys

PHthisis. See Tuberculosis, Pulmonary

PIGMENTATION
 —Albright's syndrome (polystotic fibrous dysplasia with cutaneous pigmentation in both sexes and gonadal dysfunction in females) (ab), Malcolm B. Dockerty, Ralph K. Ghormley, Roger L. J. Kennedy, and David G. Pugh, April, 433

PINEAL GLAND
 —displacement of pineal gland with extradural hemorrhage (ab), M. J. Madonick and Ignaz W. Oljenick, Feb., 193

PISZCZEK, EDWARD A.: Tuberculosis, a new post war public health problem (ab), April, 425

PITUITARY BODY
 —production of growth by action of pituitary gland on vascular and hemopoietic systems: interrelationship between lungs and pituitary gland (ab), Robert C. Moehlig, June, 614

PLASMA CELLS. See Tumors, myeloma

PLASMOCYTOMA. See Bones, marrow

PLATT, WILLIAM R., and WARD, CHARLES S., Jr.: Cold isohemagglutinins: their association with hemolytic anemia and multiple thromboses in primary atypical pneumonia. Brief review of the clinical and laboratory problems involved (ab), March, 294

PLENGE, H. E., and ROSS, J. N.: Roentgenologic examination of the stomach with patient under sodium pentothal anesthesia (ab), Jan., 94

PLEURISY
 —associated with primary atypical pneumonia: roentgenographic and clinical study (ab), Arnold L. Bachman, Nathan O. Sara, and Harry E. Mantz, Jan., 90

TUBERCULOSIS
 —pleurisy with effusion in infancy (ab), Janet B. Hardy and Edwin L. Kendig, Jr., Jan., 89

PLUMMER-VINSON SYNDROME. See Deglutition

PNEUMARTHROGRAMS. See Knee

PNEUMOCONIOSIS
 —benign pneumoconiosis (ab), Eugene P. Pendergrass and Simon S. Leopold, Feb., 195

—clinical physiological observations on welders with pulmonary siderosis and foundry men with nodular uncomplicated silicosis (ab), Norbert Enzer, Ernst Simonson, and A. M. Evans, May, 534

—discussion on modern conceptions of industrial lung disease (ab), Charles L. Sutherland, Richard Fawcett, and John Craw, June, 612

—due to cotton dust (byssinosis): case report, Paul V. McCarthy and Walton R. Akenhead, Jan., 46

—egg-shell calcifications in silicosis (ab), Allen D. Riemer, March, 295

—iron oxide dust and the lungs of silver finishers (ab), A. I. G. McLaughlin, J. L. A. Grout, H. J. Barrie, and H. E. Harding, Feb., 196

—observations on pulmonary disease in graphite workers (ab), Lazar Dunner, Feb., 196

—pulmonary roentgenographic changes due to mitral stenosis simulating those due to silicosis (ab), Henry W. Ryder and H. G. Reineke, Jan., 91

—roentgenology of massive conglomerate lesions of silicosis (ab), Mortimer R. Camiel, April, 425

—silicosis in foundries of naval gun factory (ab), Edwards M. Riley, Robert W. Butler, and Sidney Goren, Jan., 91

—silicosis of the pericardium. Case report (ab), Marguerite G. Stemmerman, March, 297

PNEUROENCEPHALOGRAPHY. See Brain, roentgenography

PNEUMONIA
 —Loeffler's syndrome—eosinophilic pneumonia. Case report (ab), Sidney Scherlis, Feb., 197

—tularemia pneumonia. Review of American literature and report of 15 additional cases (ab), Byron M. Stuart and Roscoe L. Pullen, June, 614

ATYPICAL
 —cold isohemagglutinins: their association with hemolytic anemia and multiple thromboses in primary atypical pneumonia. Brief review of clinical and laboratory problems involved (ab), William R. Platt and Charles S. Ward, Jr., March, 294

—pitfalls in diagnosis of atypical pneumonia (ab), Walter L. Nalle, Feb., 195

—pleuritic involvement associated with primary atypical pneumonia: roentgenographic and clinical study (ab), Arnold L. Bachman, Nathan O. Sara, and Harry E. Mantz, Jan., 90

—pneumococcal pneumonia resembling primary atypical pneumonia (ab), E. Racker, S. P. Rose, and A. O. Tumen, Feb., 195

—primary atypical pneumonia: critical analysis of 500 cases (ab), Saul Karpel, Irving M. Waggoner, and Oswald S. McCown, Jr. (ab), Jan., 90

—primary pneumonia of unknown cause (ab), Robert C. Schmitz, Feb., 195

COMPLICATIONS AND SEQUELS
 —obstructive pulmonary emphysema associated with pneumonia in childhood (ab), Jerome S. Leopold and Emil A. Kratzman, May, 534

—spontaneous pneumothorax as a complication in adults (ab), E. R. Movitt, March, 295

DIAGNOSIS
 —pneumococcal pneumonia resembling primary atypical pneumonia (ab), E. Racker, S. P. Rose, and A. O. Tumen, Feb., 195

LIPID
 —chronic exudative and indurative pneumonia due to inhalation of shellac (ab), Edwin F. Hirsch and Homer B. Russell, March, 295

—ingestion of kerosene complicated by pneumonia, pneumothorax, pneumopericardium, and subcutaneous emphysema (ab), Arnold F. Lavenstein, Feb., 195

PNEUMOPERICARDIUM
 —ingestion of kerosene complicated by pneumonia, pneumothorax, pneumopericardium, and subcutaneous emphysema (ab), Arnold F. Lavenstein, Feb., 195

PNEUMOTHORAX
 See also Tuberculosis, Pulmonary

—Besnier-Boeck-Schaumann syndrome, or benign lympho-granulomatosis, with pneumothorax; case (ab), James Ishbister, Feb., 198

—ingestion of kerosene complicated by pneumonia, pneumothorax, pneumopericardium, and subcutaneous emphysema (ab), Arnold F. Lavenstein, Feb., 195

S., Jr.: Cold hemolytic atypical and laboratory examination pentothenal

roentgeno-
L. Bachman,
90

B. Hardy and
ition

dergrass and
ers with pul-
nodular un-
st Simonson,
lung disease
itt, and John
Paul V. Me-
D. Riemer,

s (ab), A. I.
e, and H. E.

workers (ab),
tral stenosis
y W. Ryde

s of silicosis
Edwards M.
Jan., 91
Marguerite

genography
Case report
erature and
Stuart and

hemolytic
atypical
laboratory
Charles S.

Walter L.
atypical
study (ab),
Harry E.

atypical
O. Tumen,
500 cases
Oswald S.

Robert C.
with pneu-
Emil A.

ults (ab),
atypical
O. Tumen,

to inhala-
B. Rus-

pneumo-
empty-

pneumo-
empty-
lympho-
James

pneumo-
empty-

PNEUMOTHORAX—cont.

—resulting from dissecting gastric ulcer: review of literature and report of case (ab), Perry B. Hudson, Lendall C. Gay, and Howard E. Newman, April, 428
—spontaneous pneumothorax as a complication of pneumonia in adults (ab), E. R. Movitt, March, 295

POHLE, ERNST A., and CLARK, ELIZABETH A.: Multiple cavernous hemangioma of the skin, brain and skeleton: report of case treated by roentgen rays and observed for 7 1/2 years (ab), March, 315

PAUL, LESTER W., and CLARK, ELIZABETH A.: Roentgenotherapy of Boeck's sarcoid (ab), Feb., 208

POLAYES, SILIK H.: See **MONFORT, JOHN**

POLGÁR, F.: Nursing—a source of error in cholecystography (ab), May, 538

POLLARD, H., MARVIN, and COOPER, RALPH R.: Hypertrophic gastritis simulating gastric carcinoma (ab), April, 427

POLYCYTHEMIA VERA

—radioactive phosphorus in treatment of polycythemia vera. Results and hematologic complications (ab), Byron E. Hall, Charles H. Watkins, Malcolm M. Hargraves, and Herbert Z. Giffin, May, 545

POLYGRAPH

—a simple polygraph, E. Wayne Egbert and Alfred G. Fuller, June, 594

PORTMAN, U. V., and LOUGH, ROGER: Roentgen therapy for acute encephalitis (ab), April, 439

PRANDONI, ANDREW G.: See **HAMPTON, AUBREY O.**

PRATT, EDWARD L.: See **TALBOT, NATHAN B.**

PREGNANCY

—complications: hysterosalpingography as diagnostic aid in certain types of ruptured uterus (ab), Joseph B. Sheffer, Jan., 100

PRESENT, ARTHUR J.: Rheumatoid spondylitis, with special reference to early diagnostic criteria (ab), June, 622

PRODAX.: See **Gallbladder, roentgenography**

PROGERIA

—clinical, metabolic and pathologic studies on patient (ab),

Nathan B. Talbot, Allan M. Butler, Edward L. Pratt, E. A. MacLachlan, and J. Tannheimer, March, 303

PROSTATE

—cancer: carcinoma (ab), Harold J. Ham, Jan., 105

—carcinoma (ab), J. Campbell Howard, March, 315

PROUTY, JAMES V.: Treatment of hemangiomas with roentgen rays (ab), June, 627

PSEUDARTHROSIS

—pseudarthrosis following fractures of lumbar transverse processes: case (ab), Geoffrey Hyman, March, 303

PUBLIC HEALTH

—tuberculosis, a new post war public health problem (ab), Edward A. Piszek, April, 425

PUERPERIUM

—roentgen therapy as an adjunct in management of acute postpartum mastitis (ab), Robert A. Harvey, Howard A. Spindler, and Andrew H. Dowdy, Feb., 209

PUGH, DAVID G.: See **DOCKERTY, MALCOLM B.**

PULLEN, ROSCOE L.: See **STUART, BYRON M.**

PURPURA

—Henoch's purpura: small intestinal change. Case report, William H. Whitmore and Gerald M. Peterson, April, 373

PYELOGRAPHY

See also **Kidneys**

—administration of contrast medium in urography via the bone marrow (ab), Lennart Walldén, May, 541

—miliary tuberculosis after retrograde pyelography. Report of case (ab), Åke Lindblom, May, 541

—roentgen examination of the urinary tract with special reference to methods of examination and findings in individuals with testicular tumors (ab), Joseph C. Bell, Gilbert W. Heublein, and Howard J. Hammer, April, 435

—some practical hints on performance of urography on infants (ab), Harald Christiansen, June, 626

—subcutaneous urography (ab), Jacob H. Vastine, 2d, and Mary Frances Vastine, March, 307

PYLORUS

—hypertrophy and stenosis

—in infants: roentgenologic differential diagnosis (ab), Russell F. Miller and Herman W. Ostrum, May, 537

PYOPNEUMOTHORAX

—in the first month of life with recovery. Two case reports (ab), G. P. Rosemond and H. T. Caswell, May, 534

Q

QUIMBY, EDITH H.: Protection against x-rays and gamma rays. Tolerance dose or tolerance intensity, Jan., 57

R

RABENS, J. I.: See **HARDT, LEO L.**

RACKER, E., ROSE, S. P., and TUMEN, A. O.: Pneumococcal pneumonia resembling primary atypical pneumonia (ab), Feb., 195

RADIATIONS

See also **Cathode Rays; Radium; Roentgen Rays**

injurious effects

—changes in uterus after eradication of endometrial adenocarcinoma by radiotherapy with particular reference to infant-like radionecrotic plaque in lining (ab), John F. Sheehan, Herbert E. Schmitz, and Janet Towne, Feb., 212

—necrotizing bronchopneumonia: its relation to radiation therapy of cancer of oral cavity (ab), Lauren V. Ackerman, H. M. Wiley, and David V. LeMone, Jan., 103
—treatment of late post-irradiation ulcers with radon ointment, Bertram V. A. Low-Beer and Robert S. Stone, Feb., 149
—treatment of post-irradiation ulcers by radon ointment (ab), A. G. S. Cooper and D. F. Robertson, Feb., 212

RADIOACTIVITY

—action of neutrons on bacteria (ab), F. G. Spear, March, 318

—action of neutrons on developing rat retina (ab), F. G. Spear and K. Tansley, March, 317

—comparison of two levels of roentgen and neutron irradiation of normal and lymphomatous mice, using radiophosphorus as an indicator of cellular activity, K. G. Scott, Feb., 173

—diagnostic use of radioactive common salt (ab), Gunnar Sohrb, Feb., 207

—effect of insoluble radiophosphorus (chromium phosphate) when applied interstitially in the treatment of adenocarcinoma of the mamma in mice (ab), Harry Allen, L. H. Hempelmann, Jr., and Nathan A. Womack, March, 318

—mechanism of shock from burns and trauma traced with radiodisodium (ab), Charles L. Fox, Jr., and Albert S. Keston, April, 440

—radioactive phosphorus in the treatment of polycythemia vera. Results and hematologic complications (ab), Byron E. Hall, Charles H. Watkins, Malcolm M. Hargraves, and Herbert Z. Giffin, May, 545

—radiology and atomic power (ed), May, 521

—research with radioactive isotopes in the treatment of leukemia (ab), Erik Lindgren, April, 438

—studies in Hodgkin's syndrome. IV. Therapeutic use of radioactive phosphorus (ab), Herman A. Hostet and Charles A. Doan, June, 629

—therapeutic use of radioactive phosphorus (ab), Shields Warren, May, 545

—treatment of leukemia with artificial radioactive sodium: preliminary report (ab), Jørgen E. Thygesen, Aage Videbæk, and Irgens Villamue, June, 630

RADIOLOGICAL SOCIETIES

—American Radium Society, June, 606

—American Roentgen Ray Society, March, 286

—Cleveland Radiological Society, Jan., 80

—New England Roentgen Ray Society, June, 606

—North Carolina Radiological Society, March, 286

—officers and meeting dates, Jan., 83; Feb., 189; March, 288; April, 418; May, 527; June, 608

—Orleans Parish Radiological Society, April, 414

—Rocky Mountain Radiological Society, May, 523

—Tennessee Radiological Society, June, 606

RADIOLOGICAL SOCIETY OF NORTH AMERICA

—announcement of annual meeting, April, 414

—Lowell S. Goin, M.D., president of the Radiological Society of North America (ed), Jan., 77

—presidential address, (ed), Lewis G. Allen, March, 282

RADIOLOGY

—radiology and atomic power (ed), May, 521

RADIOPHOSPHORUS. See **Radioactivity**

RADIOOTHERAPY. See **Radium; Roentgen Rays**

RADIUM

See also **Radiations; Radon**

—defects in roentgen tubes demonstrated by gamma-ray photographs (ab), Sven Benner, April, 439

—effect of variations in the dose rate of gamma radiation on cell degeneration in frog tadpole (ab), A. Glucksmann, K. Tansley, and C. W. Wilson, March, 317

—human factors (in protection against gamma rays), Robert B. Taft, Jan., 65

—protection against x-rays and gamma rays: combined report of the Standardization Committee of the American Roentgen Ray Society and the Radiological Society of North America, Jan., 57

—protection measurements of lead-shielded radium, Carl B. Braestrup, April, 385

—technic for auto-radiographs of radium containers (ab), Dorothy F. Clephan, April, 439

—tolerance dose or tolerance intensity, Edith H. Quimby, Jan., 57

injurious effects

—development of sarcoma in bone subjected to roentgen or radium irradiation (ab), C. Howard Hatcher, Feb., 211

—radiation injury, Robert S. Stone, Jan., 59

therapy. See also **under organs**

—cancer treatment with radium bearing moulds (ab), Kurt Wiener, Jan., 103

—energy absorption (integral dose) in the trunk in the radium treatment of breast cancer by interstitial and surface applicator methods, C. W. Wilson, April, 364

—slide rule for determination of dosage from linear applicators (ab), G. Rudinger, May, 546

—use of radiographs for dosage control in interstitial gamma-ray therapy (ab), W. J. Meredith and S. K. Stephenson, Feb., 211

RADIUS

See also **Forearm**

—delayed rupture of the extensor pollicis longus tendon following Colles fracture (ab), Donald E. Coburn, March, 304

RADNER, STIG: Roentgenological changes in lead poisoning in children (ab), March, 305

RADON

—new circuit with special applications in gamma- and x-ray dosimetry (ab), L. A. W. Kemp, April, 439

RADON—cont.

- new method of making radon ointment, L. Cardenas and J. L. Weatherwax, April, 381
- treatment of late post-irradiation ulcers with radon ointment, Bertram V. A. Low-Beer and Robert S. Stone, Feb., 149
- treatment of post-irradiation ulcers by radon ointment (ab), A. G. S. Cooper and D. F. Robertson, Feb., 212
- RANEY, R. BEVERLY:** Isthmus defects of the fifth lumbar vertebra (ab), Jan., 97
- RAPPAPORT, ISRAEL.** See **MAYER, EDGAR**
- R. RECKLINGHAUSEN'S DISEASE.** See **Neurofibromatosis**
- RECRUTS**
 - advantages of supplemental radiographic studies at time of induction (ab), A. C. Galluccio, Jan., 89
- TUBERCULOSIS**
 - chest x-ray examination: analysis of disqualifying conditions found among 105,141 selectees (ab), Richard E. Kinzer, April, 424
 - in World War II (symposium) (ab), Council on Military Affairs and Public Health, American College of Chest Physicians, April, 424
 - pathological manifestations and anatomical variations in pre-enlistment chest roentgenograms (ab), F. G. Stuart, April, 424
- RECTUM**
 - congenital malformations of anus and rectum: clinical study (ab), Eugene T. Dmytryk, March, 300
 - CANCER**
 - dose distribution in rotary irradiation of eccentrically situated axial field as basis for experiments with rotation treatment of cancer of rectum (ab), Paula Wissenberg, May, 546
 - stricture. See **Rectum, syphilis**
 - luetic rectal stricture (ab), A. Melamed and S. M. Feld, April, 429
 - REED, B. P.** See **REED, C. I.**
 - REED, C. I., and REED, B. P.:** Evidence of the peripheral action of vitamin D from x-ray diffraction studies (ab), March, 318
 - REESE, ALGERNON B.** See **MARTIN, HAYES**
 - REEVES, ROBERT J.:** Round cell tumor of bone resembling Ewing's tumor (ab), March, 313
 - REINEKE, H. G.** See **RYDER, HENRY W.**
 - REISFORD, DAVID, and DOWNES, JEAN:** Minimal tuberculous lesions of the lung (ab), March, 294
 - RENANDER, AXEL:** Radiographic examination of a case of cancer of the thymus (ab), Feb., 199
 - REPASS, FRED G.:** Cleidocranial dysostosis—report of case (ab), Jan., 96
 - RESPIRATORY TRACT**
 - See also **Bronchi; Lungs; etc.**
 - tumors**
 - plasma cell tumors of upper part of respiratory tract (ab), Frederick A. Figg, Albert C. Broders, and Fred Z. Havens, May, 532
 - RETINA**
 - action of neutrons on developing rat retina (ab), F. G. Spear and K. Tansley, March, 317
 - tumors**
 - treatment of bilateral retinoblastoma (retinal glioma) surgically and by irradiation. Report on progress (ab), Hayes Martin and Algernon B. Reese, May, 342
 - RETINOBLASTOMA.** See **Retina, tumors**
 - REXFORD, W. K., and CONNOLLY, PAUL J.:** Traumatic infarction of the kidney (ab), March, 308
 - RHEUMATIC FEVER**
 - dextrocardia with situs inversus complicated by chronic rheumatic aortic and mitral endocarditis (ab), George W. Parson, June, 616
 - RHEUMATISM.** See **Arthritis; Rheumatic Fever**
 - RIBBING, S.:** Etiology of osteochondrosis dissecans (ab), April, 433
 - RIBS**
 - subcostal swelling of soft tissues in osteochondritis (ab), Knut Lindblom, April, 434
 - RICHMOND, DAVID A.:** Fatigue fracture of the fibula. Report on two cases (ab), Jan., 99
 - RICKETS**
 - effect of severe rickets in early childhood on skeletal development in adolescence (ab), Ethel C. Dunham and Herbert Thoms, May, 539
 - evidence of peripheral action of vitamin D from x-ray diffraction studies (ab), C. I. Reed and B. P. Reed, March, 318
 - in Iceland (ab), Niels Dungal, June, 621
 - occurrence and significance of early periosteal proliferation in diaphyses of premature infants (ab), Nils Malmberg, April, 433
 - renal. See **Dwarfism**
 - RIEMER, ALLEN D.:** Egg-shell calcifications in silicosis (ab), March, 295
 - RIGLER, LEO G., KAPLAN, HENRY S., and FINK, DANIEL L.:** Pernicious anemia and the early diagnosis of tumors of the stomach (ab), April, 427
 - RILEY, EDWARDS M., BUTLER, ROBERT W., and GOREN, SIDNEY:** Silicosis in founders of naval gun factory (ab), Jan., 91
 - RINGWORM**
 - dosage distribution in treatment by x-rays (ab), S. B. Osborn, Diana R. Tavener, and F. T. Farmer, March, 316

- roentgen-ray treatment of tinea capitis (ab), Lester M. J. Freedman and Lawrence G. Beinhauer, April, 439
- RINVIK, ROALD:** A case of Klippel-Feil syndrome (congenital synostosis of the cervical vertebrae) (ab), Jan., 96
- RITVO, MAX, and VOTTA, PAUL J.:** Diverticulosis of the jejunum and ileum, April, 343
- ROBBINS, LAURENCE L., AUB, JOSEPH C., COPE, OLIVER, COGAN, DAVID G., LINGOHR, JOHN L., CLOUD, R. W., and MERRILL, OLIVER E.:** Superficial "burns" of skin and eyes from scattered cathode rays, Jan., 1
- ROBERTSON, D. M.** See **COOPER, A. G. S.**
- ROBERTSON, ROBERT C. L.** See **PEACHER, WILLIAM G.**
- ROBIN, PERCIVAL A.:** A simple apparatus for body section radiography (ab), Feb., 207
- ROBINSON, FRANCIS L.** See **FABER, HAROLD K.**
- ROENTGEN RAYS**
 - See also **Cathode Rays; Radiations; Roentgen Therapy**
 - evidence of peripheral action of vitamin D from x-ray diffraction studies (ab), C. I. Reed and B. P. Reed, March, 318
 - microradiography (ab), F. Bohatyrtchuk, June, 627
 - apparatus. See also **Roentgen Rays, technic**
 - defects in tubes demonstrated by gamma-ray photographs (ab), Sven Benner, April, 439
 - fluorescent screen laminagraph (ab), Erik Lysholm, March, 312
 - simple apparatus for body section radiography (ab), Percival A. Robin, Feb., 207
 - simple device for continuous control of roentgen-ray output (ab), S. Hoeffler Jensen, June, 630
 - some observations on x-ray treatment cones, C. E. Eddy and D. J. Stevens, Feb., 176
 - diagnosis**
 - latent period which elapses between onset of lesion and appearance of radiographic signs (ed), James F. Brailsford, Feb., 184
 - effects**
 - cellular dynamics in intestinal mucosa: effect of irradiation on epithelial maturation and migration (ab), Nathan B. Friedman, May, 537
 - clinical effects of surgical and x-ray castration in mammary cancer (ab), Frank E. Adair, Norman Treves, Joseph H. Farrow, and Isabel M. Scharnagel, March, 312
 - comparison of two levels of roentgen and neutron irradiation of normal and lymphomatous mice, using radiophosphorus as indicator of cellular activity, K. G. Scott, Feb., 173
 - effects of colchicine and x-rays on onion root tips (ab), Michael Levine, Jan., 106
 - effects of roentgen radiation on thymonucleic acid content of transplantable mammary carcinomas (ab), Robert E. Stowell, Jan., 106
 - studies *in vitro* on cellular physiology. Effect of x-rays on survival of cells, Robert Schrek, April, 395
 - films.** See **Roentgenograms**
 - fluoroscopy.** See also **Roentgen Rays, protection against; Intestines, volvulus; etc.**
 - hospital fluorophotography: its implications (letter to editor), J. Edwin Habbe, May, 523
 - injurious effects**
 - development of sarcoma in bone subjected to roentgen or radium irradiation (ab), C. Howard Hatcher, Feb., 211
 - genetic injury, Paul S. Henshaw, Jan., 62
 - implications from studies with physical carcinogens (ab), Paul S. Henshaw, April, 440
 - myelomalacia of cervical portion of spinal cord, probably the result of roentgen therapy (ab), Lewis D. Stevenson and Robert E. Eckhardt, Jan., 105
 - radiation injury, Robert S. Stone, Jan., 59
 - tolerance dose or tolerance intensity, Edith H. Quimby, Jan., 57
 - physics**
 - condenser ionization chambers for measurement of x-rays in body cavities: physical problems in their design (ab), F. T. Farmer, April, 439
 - protection against**
 - human factors, Robert B. Taft, Jan., 65
 - in industrial fluoroscopy: its implications (letter to editor), J. Edwin Habbe, May, 523
 - in roentgenoscopy (ab), John F. Bacon and Eugene T. Liddy, June, 627
 - materials and methods of protection, George Singer and George C. Laurence, Jan., 69
 - protection against x-rays and gamma rays: combined report of the Standardization Committees of the American Roentgen Ray Society and the Radiological Society of North America, Jan., 57
 - stereoscopy**
 - value in mass radiography of chest, Ira Lewis and Russell H. Morgan, Feb., 171
 - technic.** See also **Cinematography; Body Section Roentgenography; Kymography**
 - automatic exposure control in photofluorography (ab), Russell H. Morgan, Feb., 206
 - military photo-roentgen technic employing optimum kilovolt (peak) principles (ab), Arthur W. Fuchs, April, 437
 - so-called retarded or occult fractures. Significance of parallel projection in roentgen diagnosis of fractures, Benedict J. Toth, May, 475
 - ROENTGEN THERAPY.** See also **under diseases and organs**
 - experiences with rotation therapy (ab), Lars Edling, April, 439

Lester M. J.
April, 439
one (congenital
n., 96
culosis of the
PE, OLIVER,
L., CLOUD,
official "burns"
rs, Jan., 1

WILLIAM G.
body section

LD K.

on Therapy
om x-ray dif-
Reed, March,
ne, 627

photographs

holm, March,
ab), Percival
n-ray output

E. Eddy and

sion and ap-
Brailsford,

of irradiation
Nathan B.

n mammary
s, Joseph H.
12

n irradiation
phosphorus
Feb., 173
t tips (ab),

content of
Robert E.

of x-rays on
on against;
(letter to

roentgen or
Feb., 211

ogens (ab),
I. probably
Stevenson

I. Quimby,

of x-rays
design (ab),

66
Eugene T.

Singer and
combined re-
American Society of

and Russell
on Roent-
raphy (ab),

in kilovolt
437
of parallel
Benedict J.

ing, April,

ROENTGEN THERAPY—*cont.*
—some observations on x-ray treatment cones, C. E. Eddy and
D. J. Stevens, Feb., 176

dosage
—behavior of thimble chambers when used for measurement
of very soft radiation (ab), J. A. Victoreen, Z. J. Atlee,
and E. D. Trout, Feb., 211
—condenser ionization chambers for measurement of x-rays in
body cavities; physical problems in their design (ab),
F. T. Farmer, April, 439
—determination of dose in circular phantoms under rotary
irradiation (ab), Howard Nielsen, June, 630
—dose distribution in rotary irradiation of eccentrically situ-
ated axial field as basis for experiments with rotation
treatment of cancer of rectum (ab), Paula Wissenberg,
May, 546
—dosis measurements in irradiation of female pelvis (ab),
Anton Jensen, June, 630
—evaluation of different factors in rotation therapy (ab),
S. Hoeffer Jensen, Jens Nielsen, and V. Thyssen, May,
546
—new circuit with special applications in gamma- and x-ray
dosimetry (ab), L. A. W. Kemp, April, 439
—photographic methods applied to dosimetric problems (ab),
G. Spiegler, Feb., 211
—rate: symposium (ab), L. H. Gray, F. Ellis, G. C. Fairchild,
and Edith Paterson, Feb., 210
—standardization of technic (ab), Emil Ungar, Feb., 210
high voltage
—carcinoma of ovary treated preoperatively with deep x-ray.
Report of 3 cases (ab), Thomas J. Parks, March, 314
—effect of deep x-rays on the peritoneal metastases of ovarian
carcinoma (ab), James Watt, Jan., 104

ROENTGENGRAMS

—simple polygraph, E. Wayne Egbert and Alfred G. Fuller,
June, 594
—use of radiographs for dosage control in interstitial gamma-
ray therapy (ab), W. J. Meredith and S. K. Stephenson,
Feb., 211
—wet-film viewing room (ab), Leo H. Garland and Milo T.
Harris, April, 437

RONALD, A.: Fatigue fracture (ab), May, 541

ROSE, S. P. See RACKER, E.

ROSEMOND, G. P., and CASWELL, H. T.: Pyopneumothorax
in the first month of life with recovery. Two case reports
(ab), May, 534

ROSENDAHL, THOMAS: On reticulum cell sarcoma in the bones
(ab), June, 620

ROSENTHAL, D. B. See WILLIS, R. A.

ROSS, J. N. See PLENGE, H. E.

RUDINGER, G.: Slide rule for determination of dosage from
linear radium applicators (ab), May, 546

RUDSTRÖM, PAUL: Cholangiograms in intrahepatic processes
(ab), March, 301

RUFFIN, JULIAN M., BAYLIN, GEORGE J., and CAYER,
DAVID: Clinical significance of alteration of the small
intestine pattern as demonstrated by x-ray (ab), March,
299

RUSS, S., and SCOTT, G. M.: Resistance to tumour grafts
produced by a cell-free tumour extract (ab), April, 440

RUSSELL, DELBERT A., and SMITH, CHARLES D.: Pelle-
grini-Stieda disease, April, 351

RUSSELL, HOMER B. See HIRSCH, EDWIN F.

RYDER, HENRY W., and REINEKE, H. G.: Pulmonary roent-
genographic changes due to mitral stenosis simulating
those due to silicosis (ab), Jan., 91

S

ST. JOHN, FORDYCE B., SWENSON, PAUL C., and HARVEY,
HAROLD D.: An experiment in the early diagnosis of
gastric carcinoma (ab), Feb., 200

SALPINGITIS. See Fallopian Tubes

SAMUEL, ERIC: Congenital absence of the pectoralis major
(ab), Feb., 203

—See McGREGOR, D. B.

SANDLER, BERNARD: Principles of treatment of carcinoma
cervix uteri by radiotherapy (ab), Jan., 104

SANDSTRÖM, CARL: On gastrospasm and its roentgenologic
appearance (ab), April, 427

SANGUILY, JULIO, and LEÓN BLANCO, FRANCISCO:
Gastric schwannoma: report of large intragastric lesion
simulating a bezoar (ab), Jan., 93

SANTULLI, THOMAS V. See DONOVAN, EDWARD J.

SARA, NATHAN O. See BACHMAN, ARNOLD L.

SARCOIDOSIS

—Besnier-Boeck-Schaumann syndrome, or benign lympho-
granulomatosis, with pneumothoraces; case (ab), James
Lsister, Feb., 198

—roentgen therapy of Boeck's sarcoid (ab), Ernst A. Pohle,
Lester W. Paul, and Elizabeth A. Clark, Feb., 208

SARCOMA
—development of sarcoma in bone subjected to roentgen or
radium irradiation (ab), C. Howard Hatcher, Feb., 211

—resistance to tumor grafts produced by a cell-free tumor
extract (ab), S. Russ and G. M. Scott, April, 440

Ewing's. See Tumors, Ewing's
reticulosarcoma

—in bones (ab), Thomas Rosenthal, June, 620

SAVAGE, OSWALD: Pulmonary concussion ("blast") in non-
thoracic battle wounds (ab), Feb., 197

SAVAIN, WILLIAM P.: Congenital absence of the septum
pellucidum associated with internal hydrocephalus,
March, 270

SCALP. See Ringworm

SCAPHOID BONE, CARPAL

—anomalous fusion of scaphoid and greater multangular bone
(ab), M. G. Henry, March, 305

SCATCHARD, GEORGE N., and DUSZYNSKI, DIANA O.:
Miniature chest x-ray films in general hospitals (ab),
April, 425

SCHARNAGEL, ISABEL M. See ADAIR, FRANK E.

SCHAUMANN'S DISEASE. See Sarcoidosis

SCHEIN, ALBERT J. See GREENBERG, BENJAMIN B.

SCHEPERS, G. W. H.: Pathology of regional ileitis (ab), Feb.,
200

SCHERLIS, SIDNEY: Loeffler's syndrome—eosinophilic granu-
loma. Case report (ab), Feb., 197

SCHLOSSER, JOSEPH V. See GARCIA, MANUEL

SCHMIER, ADOLF A.: Internal epicondylar epiphysis and
elbow injuries (ab), Feb., 203

SCHMITZ, HERBERT E., SHEEHAN, JOHN F., and TOWNE,
JANET E.: Diagnosis and treatment of carcinoma of the
fundus uteri (ab), March, 313

—See SHEEHAN, JOHN F.

SCHMITZ, ROBERT C.: Primary atypical pneumonia of un-
known cause (ab), Feb., 195

SCHNEIDER, MARTIN: Aerosinusitis: a clinico-roentgeno-
logical study (ab), April, 422

SCHORR, S. See DRUCKMANN, A.

SCHOURUP, K.: Plastic induration of the penis (ab), Feb., 210

SCHREK, ROBERT: Studies in vitro on cellular physiology.
Effect of x-rays on the survival of cells, April, 395

SCHWANNOMA. See Tumors, neurinoma

SCHWARTZ, CHARLES W.: Solitary myeloma of frontal bone,
April, 422

SCIATICA

—protrusions of disks and nerve compression in lumbar region
(ab), K. Lindblom, May, 540

SCLEROSIS, TUBEROUS

—characteristic roentgenographic changes associated with
tuberous sclerosis (ab), W. W. Dickerson, Jan., 87

SCOTT, G. M. See RUSS, S.

SCOTT, K. G.: Comparison of two levels of roentgen and
neutron irradiation of normal and lymphomatous mice, using
radiophosphorus as an indicator of cellular activity, Feb.,
173

SCOTT, WENDELL G., appointment to Board of Reserve Con-
sultants, U.S.N., June, 606

SCOTT, WENDELL G.: Radiographic diagnosis of prolapsed
redundant gastric mucosa into the duodenum, with re-
marks on the clinical significance and treatment, June, 547

SEAR, H. R., and MADDOX, J. E.: Case of Hurter's disease
(lipochondrolystrophy) (ab), April, 434

SECOND INTER-AMERICAN CONGRESS OF RADIOLGY,

March, 286

SELANDER, PER: Idiopathic pulmonary hemosiderosis (essen-
tial brown induration) (ab), Jan., 91

SELBY, C. D.: Attitude of industry toward x-ray examinations
of the chest (ab), May, 533

SELIGMAN, BERNARD, and NATHANSON, LOUIS: "Meta-
static" calcification in soft tissues of legs in osteitis de-
formans: case report (ab), June, 624

SELMAN, JOSEPH. See PENDERGRASS, EUGENE P.

SEMIUNAR CARTILAGES

—air arthrography in diagnosis of torn cartilage (ab), E. G.
Herzog, June, 624

—roentgen demonstration of cartilages of knee (ab), J. W.
Grossman and Howard H. Minor, March, 304

SEMINAL VESICLES

—vaso-seminal vesiculography and its clinical application
(ab), Arne Bertelsen and H. H. Wandall, June, 626

SEMMES, R. E. See WHITELEATHER, J. E.

SEPTUM

—pellucidum. See Brain, abnormality

supratrochlear. See Elbow

SHAPIRO, ROBERT: Intracardiac foreign body. Report of case
with recovery (ab), May, 535

SHEEHAN, JOHN F., SCHMITZ, HERBERT E., and TOWNE,
JANET E.: Changes in the uterus after eradication of endo-
metrial adenocarcinoma by radiotherapy, with particular
reference to an infarct-like radionecrotic plaque in the
lining (ab), Feb., 212

—See SCHMITZ, HERBERT E.

SHEFFERY, JOSEPH B.: Hysterosalpingography as a diag-
nostic aid in certain types of ruptured uteri (ab), Jan., 100

SHELBYNE, SAMUEL A.: Spontaneous mediastinal emphy-
sema (ab), Jan., 91

SHELDON, WALTER H., THEBAUT, BEN R., HEYMAN,
ALBERT, and WALL, MARGARET J.: Osteomyelitis
caused by granuloma inguinale: report of case with culti-
vation of the Donovan body in the yolk sac of developing
chick embryo (ab), June, 619

SHELLAC

—chronic exudative and indurative pneumonia due to inhalation
of shellac (ab), Edwin F. Hirsch and Homer B.

Russell, March, 295

SHELTON, FRED W. See McREYNOLDS, GEORGE S., Jr.

SHERMAN, LOUISE S. See HENDERSON, SAMUEL G.

SHOCK

—mechanism of shock from burns and trauma traced with
radiosodium (ab), Charles L. Fox, Jr. and Albert S.

Keston, April, 440

SHOULDER

- calcification of tendon cuff (ab), M. Beckett Howorth, Feb., 203
- roentgenologic considerations pertaining to upper extremity (ab), Charles F. Behrens, Feb., 209
- tuberculosis, Mortimer R. Camiel, June, 569

SICELUFF, JOSEPH G. See **DRAPER, JOHN W.**

SIDEROSIS. See **Hemosiderosis; Pneumoconiosis**

SIGMOID

- stenosis in newborn (ab), W. R. Bagley and E. C. Bagley, April, 429
- technic of contrast examination (ab), Lars Billing, April, 428
- volvulus. See **Intestines, volvulus**

SILICOSIS. See **Pneumoconiosis**

SILVER FINISHERS

- iron oxide dust and the lungs of silver finishers (ab), A. I. G. McLaughlin, J. L. A. Grout, H. J. Barrie, and H. E. Hadding, Feb., 196

SILVERMAN, WILLIAM A. See **CAFFEY, JOHN**

SIMON, R. S. A third routine x-ray exposure of the ankle joint (ab), May, 541

SIMONSON, ERNST. See **ENZER, NORBERT**

SIMSON, F. W. See **DORMER, B. A.**

SINGER, GEORGE, and LAURENCE, GEORGE C. Materials and methods of x-ray protection, Jan., 69

SINGLETARY, WILLIAM V. See **EICHWALD, MAX**

SINUSES, PARANASAL

- See also **Frontal Sinus; Maxillary Sinus**
- aerossinusitis (ab), R. Wesley Wright and Harold M. E. Boyd, Feb., 193

- aerossinusitis—a résumé (ab), Paul A. Campbell, Jan., 87

- aerossinusitis: clinico-roentgenological study (ab), Martin Schneider, April, 422

SISSON, JOHN H., MURPHY, GEORGE E., and NEWMAN, ELLIOT V. Multiple congenital arteriovenous aneurysms in the pulmonary circulation (ab), Jan., 92

SITUS INVERSUS. See **Viscera**

SJÖSTRAND, TORGNY. See **BENNER, SVEN**

SKARBY, HANS-GÖSTA. Clinical and roentgenologic diagnosis of foreign bodies, especially fish bones, in the hypopharynx and esophagus, with discussion of a suitable roentgenologic method (ab), March, 298

SKIN

- Albright's syndrome (polyostotic fibrous dysplasia with cutaneous pigmentation in both sexes and gonadal dysfunction in females) (ab), Malcolm B. Dockerty, Ralph K. Ghormley, Roger L. J. Kennedy, and David G. Pugh, April, 433

- diffuse neurofibromatosis (von Recklinghausen's disease) involving the bulbar conjunctiva. Report of case, with lesions of skeletal system and skin, bodily asymmetry and intracranial involvement (ab), Francisco Páez Alende, Jan., 87

- superficial "burns" of skin and eyes from scattered cathode rays, Laurence L. Robbins, Joseph C. Aub, Oliver Cope, David G. Cogan, John L. Langohr, R. W. Cloud, and Oliver E. Merrill, Jan., 1

CANCER

- slowly developing non-pigmented nevop epithelioma presenting a non-characteristic histologic picture (ab), Jens M. Nordentoft, June, 627

- statistical report, Henry J. Ullmann, March, 279

TUMORS

- multiple cavernous hemangioma of skin, brain and skeleton: report of case treated by roentgen rays and observed for 7½ years (ab), Ernst A. Pohle and Elizabeth A. Clark, March, 315

SMITH, CHARLES D. See **RUSSELL, DELBERT A.**

SMITH, GEORGE V. S., and DRESSER, R. Carcinoma of the uterine cervix: interval report on treatment, results and complications (ab), June, 628

SMITHERS, D. W. Short esophagus (thoracic stomach) and its association with peptic ulceration and cancer (ab), May, 536

SNITTMAN, JURICE F. Individualization in the management of carcinomas of the maxillary sinus (ab), Jan., 103

SODIUM, RADIOACTIVE. See **Radioactivity**

SØNDERGAARD, KARL. Passage of contrast substances through the hypopharynx (ab), June, 612

SØRENSEN, FRANZ. Physiological delay at the cardia (ab), June, 617

SOFT TISSUES

- "metastic" calcification in soft tissues of legs in osteitis deformans: case report (ab), Bernard Seligman and Louis Nathanson, June, 624

- roentgenologic soft-tissue studies of skin and subcutaneous tissue: contribution to roentgen study of edema (ab), Arne Frantzell, March, 310

- subcostal swelling of soft tissues in osteochondritis (ab), Knut Lindblom, April, 434

SOHRNE, GUNNAR. Diagnostic use of radioactive common salt (ab), Feb., 207

SOLIS-COHEN, LEON, and LEVINE, SAMUEL. Renal dysplasia (ab), March, 309

SORKIN, REUBEN. See **MONFORT, JOHN**

SOULE, ARTHUR B., Jr., GROSS, SIDNEY W., and IRVING, JAMES G. Myelography by use of pantopaque in the diagnosis of herniations of the intervertebral discs (ab), Feb., 202

SPEAR, F. G. Action of neutrons on bacteria (ab), March, 318

—and **TANSLEY, K.** Action of neutrons on the developing rat retina (ab), March, 317

INDEX

SPENCER, R. R. Problems of cancer biology (ab), Jan., 102

SPIEGLER, G. Photographic methods applied to dosimetric problems (ab), Feb., 211

SPINAL CANAL ROENTGENOGRAPHY

See also **Spine, intervertebral disks**

—myelography with abrodil: further experience (ab), Sigfrid Arnett, March, 303

—pantopaque myelography: results, comparison of contrast media, and spinal fluid reaction (ab), William G. Peacher and Robert C. L. Robertson, March, 303

SPINAL CORD

—myelomalacia of cervical portion of spinal cord, probably the result of roentgen therapy (ab), Lewis D. Stevenson and Robert E. Eckhardt, Jan., 105

TUMORS

—intraspinal lipomas. Report of cases, review of literature, and clinical and pathological study (ab), George Ehrn and J. Grafton Love, Jan., 102

SPINDLER, HOWARD A. See **HARVEY, ROGER A.**

SPINE**abnormalities**

—interarticular isthmus hiatus (spondylolysis), Henry H. Lerner and Albert I. Gazin, June, 573

—isthmus defect of fifth lumbar vertebra (ab), R. Beverly Raney, Jan., 97

—Klippel-Feil syndrome (congenital synostosis of cervical vertebrae), case (ab), Roald Rinvik, Jan., 96

—two cases of anomaly, best demonstrated by laminography, John H. Gilmore, Richard C. Stauffer, and Lewis G. Jacobs, May, 514

arthritides

—Bechterew's disease from roentgenologic point of view (ab), Kristian Overgaard, June, 623

—rheumatoid spondylitis, with special reference to early diagnostic criteria (ab), Arthur J. Present, June, 622

—roentgenologic considerations pertaining to upper extremity pain (ab), Charles F. Behrens, Feb., 209

diseases

—advantages of supplemental radiographic studies at time of induction (into military service) (ab), A. C. Galluccio, Jan., 89

—diseases of vertebral column: roentgenologic analysis (ab), Albert Oppenheimer, Feb., 202

—incidence of osteochondrosis (ab), S. A. Chrom, June, 622

—roentgenographic observations in age atrophy and osteoprosis of the spine, Gottlieb J. Marum, March, 220

—uncovertebral osteophytes and osteochondrosis of cervical spine (ab), Ernst Lyon, Feb., 202

dislocations

—spondylolisthesis: commentary on etiology, and an improved method of roentgenographic mensuration and detection of instability (ab), Isadore Meschan, Jan., 97

—spondylolisthesis. Further remarks with emphasis on radiologic aspects, A. C. Galluccio, April, 356

exostoses

—uncovertebral osteophytes and osteochondrosis of cervical spine (ab), Ernst Lyon, Feb., 202

fractures

—pseudarthrosis following fractures of lumbar transverse processes, case (ab), Geoffrey Hyman, March, 303

intervertebral disks

—calcification of disks in childhood (ab), H. Stephen Weens, Jan., 97

—disk injury: analysis from industrial standpoint (ab), Henry C. Marble and William A. Bishop, March, 302

—instability associated with disk degeneration in lumbar spine (ab), Folke Knutsson, April, 432

—lateral prolapse of cervical disk (ab), Hugh Davies, Feb., 203

—lesions in relation to pain (ab), A. Craig Mooney, March, 302

—microscopic anatomy and pathology. Part I. Anatomy, development, and physiology. Part II. Changes in disk concomitant with age. Part III. Pathological changes in intervertebral disk (ab), M. B. Coventry, R. K. Ghormley, and J. W. Kernohan, April, 433

—myelography by use of pantopaque in diagnosis of herniations of disks (ab), Arthur B. Soule, Jr., Sidney W. Gross, and James G. Irving, Feb., 202

—observations on opaque myelography of lumbar herniations (ab), D. C. Eaglesham, Feb., 202

—pantopaque myelography as an aid in the preoperative diagnosis of protruded disks: preliminary report (ab), Francis A. Echlin, Joseph McK. Ivie, and Archie Fine, Jan., 98

—protrusions of disks and nerve compression in lumbar region (ab), K. Lindblom, May, 540

—roentgenographic signs of herniation of cervical disk, J. E. Whiteleather, R. E. Semmes, and Francis Murphy, March, 213

—role of x-ray in diagnosis of posterior herniation (ab), Arthur E. Childe, April, 431

tumors

—primary Ewing's sarcoma, Allison E. Imler, Drew B. Meistrup, and Franklin B. Bogart, June, 597

wounds and injuries

—roentgen diagnosis of traumatic lesions of cervical spine (ab), Gilbert W. Heublein, Jan., 96

SPONDYLOLISTHESIS. See **Spine, dislocations**

SPONDYLOLYSIS. See **Spine, abnormalities**

—clinical significance of alteration of small intestinal pattern as demonstrated by x-ray (ab), Julian M. Ruffin, George J. Baylin, and David Cayer, March, 299

—sprue syndrome; case (ab), James Isbister, March, 300

1. Jan., 102
to dosimetric
(ab), Sigfrid
of contrast
in G. Peacher
ard, probably
D. Stevenson
terature, and
Ehni and J.
A.

Henry H.
R. Beverly
of cervical
minography,
d Lewis G.
f view (ab),
o early diag-
622
r extremity
s at time of
Galluccio,
alysis (ab),
une, 622
and osteo-
ch, 220
of cervical
and an im-
Jan., 97
is on radio-
of cervical
verse proc-
3
en Weens,
oint (ab),
ch, 302
mbar spine
Feb., 203
March, 302
Anatomy,
ges in disk
changes in
Ghormley,
of hernia-
W. Gross,
erniations
ative diag-
(ab), Francis
Jan., 98
bar region
disk, J. E.
Murphy,
(ab), Arthur
B. Meil-
ical spine
al pattern
n, George
, 300

SQUIRE, FAY H. and KRETSCHMER, HERMAN L.: Study of the ureters in bladder neck obstructions, Jan., 32

STAUFFER, RICHARD C. See GILMORE, JOHN H.

STEBBING, F. G. See CADE, STANFORD

STEBBING, GEORGE F. See CARLING, E. ROCK

STEIN, M. H.: Spontaneous mediastinal emphysema (ab), June, 615

STEINHAUSEN, T. B. See FINE, ARCHIE

STEMMERMAN, MARGUERITE G.: Silicosis of the pericardium. Case report (ab), March, 297

STEPHENSON, S. K. See MEREDITH, W. J.

STERILITY
—hysterosalpingography in sterility (ab), Colin Macdonald, Jan., 100

STERNUM
—administration of contrast medium in urography via the bone marrow (ab), Lennart Walldén, May, 511

STEVENS, D. J. See EDDY, C. E.

STEVENS, LEWIS D. and ECKHARDT, ROBERT E.: Myelomalacia of the cervical portion of the spinal cord, probably the result of roentgen therapy (ab), Jan., 103

STEWART, FRED W. See COLEY, BRADLEY L.

STOMACH
—gastric volvulus and other abnormal rotations of stomach (ab), John B. Hamilton, May, 537

—invagination of stomach: case diagnosed by roentgen examination (ab), Kai Dohn and Börge Faber, June, 617

—physiological delay at cardia (ab), Franz Sørensen, June, 617

—cancer
—experiment in early diagnosis (ab), Fordyce B. St. John, Paul C. Swenson, and Harold D. Harvey, Feb., 200

—hypertrrophic gastritis simulating carcinoma (ab), H. Marvin Pollard and Ralph R. Cooper, April, 427

—localization of gastritis and gastric cancer, especially in cases of pernicious anemia (ab), Johan Torgersen, March, 299

—localized acute edematous gastritis resembling carcinoma. Report of 2 cases (ab), Bengt Sylvén, March, 299

—pathological-anatomical basis of tumor arteriography. Investigation of arterial vessels of hypernephromas and carcinomas of stomach (ab), Lars Billing and Åke G. H. Lindgren, March, 311

—pernicious anemia and the early diagnosis of tumors (ab), Leo G. Rigler, Henry S. Kaplan, and Daniel L. Fink, April, 427

—search for symptomless cancer in 500 apparently healthy men of forty-five and over (ab), Morris E. Dailey and Earl R. Miller, June, 617

—short esophagus (thoracic stomach) and its association with peptic ulceration and cancer (ab), D. W. Smithers, May, 536

EXAMINATION. See also Stomach, roentgenography
—analytical survey of 1,132 patients gastroscopically examined (ab), Leo L. Hardt, A. Ray Hufford, and J. I. Rabens, April, 426

—experiences with gastroscope over period of six years (ab), John T. Howard, March, 298

—orientation of gastroscopy by roentgenograms (ab), A. Ray Hufford and G. G. Stonehouse, Jan., 94

FOREIGN BODIES
—case of trichobezoar (ab), Gösta Gräberger, April, 428

—gastric schwannoma: report of large intragastric lesion simulating a bezoar (ab), Julio Sanguily and Francisco Leon Blanco, Jan., 93

HERNIA
—hiatus hernia of stomach as source of gastro-intestinal bleeding, Ernest A. Mendelsohn, May, 502

—short esophagus (thoracic stomach) and its association with peptic ulceration and cancer (ab), D. W. Smithers, May, 536

INFLAMMATION
—chronic hypertrrophic antrum gastritis (ab), Julian Arendt, June, 617

—hypertrrophic gastritis simulating gastric carcinoma (ab), H. Marvin Pollard and Ralph R. Cooper, April, 427

—localized acute edematous gastritis resembling carcinoma. Report of 2 cases (ab), Bengt Sylvén, March, 299

—localization of gastritis and gastric cancer, especially in cases of pernicious anemia (ab), Johan Torgersen, March, 299

MUCOSA
—radiographic diagnosis of prolapsed redundant gastric mucosa into the duodenum, with remarks on the clinical significance and treatment, Wendell G. Scott, June, 347

ROENTGENOGRAPHY
—gastroscopy and its roentgenologic appearance (ab), Carl Sandström, April, 427

—new x-ray method of studying anatomy and motility: its diagnostic value (ab), Walter F. Gruber, Feb., 199

—review of 3 cases with positive radiologic and negative laparotomy findings (ab), F. G. Nicholas, March, 299

—with patient under sodium pentothal anesthesia (ab), H. E. Plenge and J. N. Ross, Jan., 94

TUMOR
—gastric schwannoma: report of large intragastric lesion simulating a bezoar (ab), Julio Sanguily and Francisco Leon Blanco, Jan., 93

—roentgen demonstration of benign intramural tumor (fibromyoma) on greater curvature, Alexander Lewitan and K. K. Nygaard, June, 590

ULCERS. See Peptic Ulcer

Volvulus
—gastric volvulus and other abnormal rotations of the stomach (ab), John B. Hamilton, May, 537

STONE, ROBERT S., awarded Legion of Merit, May, 523

STONE, ROBERT S.: Protection against x-rays and gamma rays. Radiation injury, Jan., 59

—See LOW-BEER, BERTRAM V. A.

STONEHOUSE, G. G. See HUFFORD, A. RAY

STOWELL, ROBERT E.: Effects of roentgen radiation on the thymonucleic acid content of transplantable mammary carcinomas (ab), Jan., 106

STRESS FRACTURE. See Femur

STRIDOR
—chronic stridor in early life due to persistent right aortic arch: report of 2 cases (ab), Harold K. Faber, John W. Hope, and Francis L. Robinson, Jan., 92

STUART, BYRON M. and PULLEN, ROSCOE L.: Tularemia pneumonia. Review of American literature and report of 15 additional cases (ab), June, 614

STUART, F. G.: Pathological manifestations and anatomical variations in pre-enlistment chest roentgenograms (ab), April, 424

SUBMANDIBULAR GLAND
—roentgenographic demonstration of concretions in the submandibular glandular duct by use of intraoral films, George D. Monardo, Jan., 53

SUBMARINES
—late bone lesions in caisson disease. Three cases in submarine personnel (ab), C. C. Michael James, June, 621

SUNDBERG, C. G., and LINDHOLM, STIG: Formation of layer images in roentgen diagnosis (ab), March, 312

SUTHERLAND, CHARLES L., FAWCITT, RICHARD, and CRAW, JOHN: Discussion on modern conceptions of industrial lung disease (ab), June, 612

SVANBERG, TOR: Roentgenographical pulmonary changes in periarteritis nodosa (ab), Feb., 196

SWENSON, PAUL C. See ST. JOHN, FORDYCE B.

SWOPE, OPIE W. (obit), May, 524

SYLVEN, BENGT: Localized acute edematous gastritis resembling carcinoma. Two cases (ab), March, 299

SYNACTYLIA. See Fingers and Toes

SYNOSTOSIS
—radionuclar synostosis of traumatic origin: report of case (ab), H. G. Lee, March, 304

SYPHILIS. See Mediastinum; Rectum

T

TAFT, ROBERT B.: Protection against x-rays and gamma rays. Human factors, Jan., 65

TALBOT, NATHAN B., BUTLER, ALLAN M., PRATT, EDWARD L., MacLACHLAN E. A., and TANNHEIMER, J.: Progeria: clinical, metabolic and pathologic studies of a patient (ab), March, 303

TANNHEIMER, J. See TALBOT, NATHAN B.

TANSLEY, K. See GLUCKSMANN, A.

—See SPEAR, F. G.

TAVERNER, DIANA R. See OSBORN, S. B.

TAYLOR, LAURISTON S., awarded Bronze Star, Jan., 81

TEETH
—cleidocranial dysostosis (with special reference to dental aspects): case (ab), Fred G. Repass, Jan., 96

TELEORENTGENOGRAPHY. See Heart, roentgenography

TEMPORAL BONE
—tumors
—roentgen diagnosis of cholesteatoma (ab), Sölvé Welin, May, 531

TEMPOROMANDIBULAR JOINT. See Jaws

TENDONS
—calcification of tendon cuff of shoulder (ab), M. Beckett Howorth, Feb., 203

—delayed rupture of extensor pollicis longus tendon following Colles fracture (ab), Donald E. Coburn, March, 304

—temperomandibular joint and its treatment with x-rays (ab), J. Borak, Feb., 208

TENNENT, WILLIAM: Plasmacytoma of bone (ab), March, 301

TESTES
—cancer
—malignant tumors (ab), C. H. Frank, March, 315

—excision. See Castration

—tumors
—roentgen examination of urinary tract with special reference to methods of examination and findings in individuals with testicular tumors (ab), Joseph C. Bell, Gilbert W. Heublein, and Howard J. Hammer, April, 435

THAYSEN, V. See JENSEN, S. HOEFFER

THEBAUT, BEN R. See SHELDON, WALTER H.

THOMPSON, C. M. See DILLENBURG, S. M.

THOMPSON, G. D. CARLYLE. See BASS, H. E.

THOMS, HERBERT. See DUNHAM, ETHEL C.

THOMSEN, GREGERS, and CHROM, S. A.: Case of primary lung cancer, presumably arisen from an old tuberculous cavern (ab), June, 613

THORAX
See also Heart; Lungs; Mediastinum

ROENTGENOGRAPHY
—miniature chest x-ray films in general hospitals (ab), George N. Scatchard and Diana O. Duszynski, April, 425

—nontuberculous lesions found in mass surveys (ab), David M. Gould, April, 425

—pathological manifestations and anatomical variations in pre-enlistment chest roentgenograms (ab), F. G. Stuart, April, 424

—roentgenograms of chest in mental deficiency, Joseph T. Danzer March, 244

THORAX—*cont.*

wounds
—radiology of war injuries. Part III. War wounds of chest (ab), D. B. McGrigor and Eric Samuel, April, 423

THORÉN, S.: Electroendothorax as an adjvant to radiotherapy in uterine cancer (ab), Feb., 208

THORN, GEORGE. See **EDER, HOWARD**

THORNTON, THOMAS F. See **BLOCH, ROBERT G.**

THROMBOSIS
—cold isohemagglutinins: their association with hemolytic anemia and multiple thromboses in primary atypical pneumonia. Brief review of the clinical and laboratory problems involved (ab), William R. Platt and Charles S. Ward, Jr., March, 294

—occlusion of superior vena cava due to syphilitic mediastinitis. Collateral circulation after nineteen years (ab), Frederic D. Zeman, June, 615

THYGESEN, JØRGEN E., **VIDEBÆK, AAGE**, and **VILLAUME, IRGENS**: Treatment of leukemia with artificial radioactive sodium: preliminary report (ab), June, 630

THYMONUCLEIC ACID. See **Nucleins**

THYMUS
cancer
—radiographic examination in case (ab), Axel Renander, Feb., 199

TIBIA
fractures
—fatigue fracture (ab), H. R. I. Wolfe and J. M. Robertson, June, 625

—fatigue fracture. Three cases at a naval training establishment (ab), Trevor P. Mann, June, 625

—march fracture of the articular surface and its relation to osteoarthritis, Joseph Levitin, March, 273

—parachute fractures (ab), Paul A. Knepper, May, 541

tumors
—solitary eosinophilic granuloma (ab), Benjamin B. Greenberg and Albert J. Schein, Jan., 96

TINEA. See **Ringworm**

TISCENCO, EUGENE. See **HARPER, R. A. KEMP**

TOMOGRAPHY. See **Body Section Roentgenography**

TORGERSEN, JOHAN: Localization of gastritis and gastric cancer, especially in cases of pernicious anemia (ab), March, 299

TOTH, BENEDICT J.: The so-called retarded or occult fractures. Significance of the parallel projection in the roentgen diagnosis of fractures, May, 475

TOWNE, JANET E. See **SHEEHAN, JOHN F.**
See **SCHMITZ, HERBERT E.**

TRAUMA
—mechanism of shock traced with radiosodium (ab), Charles L. Fox, Jr. and Albert S. Keston, April, 440

TREVES, NORMAN. See **ADAIR, FRANK E.**

TRICHOBEZOAR. See **Stomach, foreign bodies**

TRICUSPID VALVE
—Ebstein type of tricuspid insufficiency: roentgen studies in case with sudden death at age of twenty-seven (ab), Donald deF. Bauer, June, 615

TROUT, E. D. See **VICTOREEN, J. A.**

TSUKER, MARIE B.: Radiotherapy and intracranial pressure (ab), March, 317

TUBERCULOSIS
See also **Hip**; **Intestines**; **Shoulder**
—a new post war public health problem (ab), Edward A. Piszcak, April, 425

—incidence of extrapulmonary tuberculous infection in fatal pulmonary tuberculosis (ab), R. A. Willis and D. B. Rosenthal, May, 533

miliary
—after retrograde pyelography. Report of case (ab), Åke Lindblom, May, 541

therapy
—light and x-ray therapy (ab), Edgar Mayer, March, 316

TUBERCULOSIS, PULMONARY
—“beriberi heart” in tuberculous patient (ab), Jason E. Farber and D. K. Miller, Feb., 199

—in World War II (symposium), (ab), Council on Military Affairs and Public Health, American College of Chest Physicians, April, 424

—incidence of extrapulmonary tuberculous infection in fatal pulmonary tuberculosis (ab), R. A. Willis and D. B. Rosenthal, May, 533

—incidence of tuberculosis in Japanese-Americans: a study of homogeneous racial group (ab), H. E. Bass and G. D. Carlyle Thompson, May, 532

—minimal lesions of lung: their clinical significance (ab), David Reisner and Jean Downes, March, 294

—primary tuberculous infection in sanatorium staff. Investigation and supervision (ab), Peter W. Edwards, A. Clark Penman, and L. G. Blair, Feb., 194

—some cases of intestinal tuberculosis in phthisics, with reference especially to prognosis (ab), S. B. Larsen, June, 618

artificial pneumothorax in
—bronchography in pulmonary tuberculosis: artificial pneumothorax (ab), B. A. Dormer, J. Friedlander, and F. J. Wiles, May, 532

—extrapleural pneumothorax in treatment. Three-year to five-year follow-up of 48 cases, F. H. Alley, May, 470

cavitation
—primary lung cancer, presumably arising from old tuberculous cavern; case (ab), Gregers Thomsen and S. A. Chrom, June, 613

—roentgenology of the draining bronchi from tuberculous cavities. Mortimer R. Camiel, Jan., 24

in soldiers
—in Canadian Army, 1939 to 1944 (ab), J. D. Adamson, W. P. Warner, R. F. Keevil, and R. E. Beamish, Jan., 89

mass roentgenologic surveys. See also **Industry and Occupations; Recruits**
—automatic exposure control in photofluorography (ab), Russell H. Morgan, Feb., 206

—early diagnosis of diseases of chest (ab), Norman J. Wilson, Jan., 89

—experiences with photorontgen method in chest surveys: analysis of 156,000 examinations (ab), Archie Fine and T. B. Steinhausen, June, 612

—hospital fluorophotography: its implications (letter to editor), J. Edwin Habbe, May, 523

—mass survey in San Antonio (ab), David M. Gould, Jan., 89

—survey of food handlers on the island of Oahu (ab), Joseph E. Ferkany and Richard K. C. Lee, May, 533

value of stereoscopy in mass radiography, Ira Lewis and Russell H. Morgan, Feb., 171

roentgenography. See also **Tuberculosis, Pulmonary, mass roentgenologic surveys**
—bronchography: artificial pneumothorax (ab), B. A. Dormer, J. Friedlander, and F. J. Wiles, May, 532

—bronchography: geographical adventure (ab), B. A. Dormer, J. Friedlander, and F. J. Wiles, April, 425

surgical therapy
—mechanical paralysis of left hemidiaphragm complicating collapse therapy (ab), Oscar Feinsilver, Feb., 194

TULAREMIA
—tularemia pneumonia. Review of American literature and report of 15 additional cases (ab), Byron M. Stuart and Roscoe L. Pullen, June, 614

TUMEN, A. O. See **RÄCKER, E.**

TUMORS
See also **Cancer**
angioma
—calcified hemangiomas of liver (ab), Melvin Aspray, March, 301

—lymphangioma of abdomen: unusual case (ab), C. F. Murbach, E. F. Lewison, and G. A. Deibert, May, 538

—multiple cavernous hemangioma of skin, brain and skeleton: report of case treated by roentgen rays and observed for 7½ years (ab), Ernst A. Pohle and Elizabeth A. Clark, March, 315

—roentgen therapy of hemangioma of larynx in infants (ab), H. H. Kasabach and C. P. Donlan, Feb., 208

—treatment, G. E. Pfahler, Feb., 159

—treatment of hemangiomas with roentgen rays (ab), James V. Prouty, June, 627

cholesteatoma
—roentgen diagnosis of cholesteatoma in temporal bone (ab), Sölvé Welin, May, 531

—roentgen picture in mucopycose and cholesteatoma in frontal sinus (ab), Nils Frostberg, March, 293

chondroma
—hamartoma (often called chondroma) of lung (ab), John R. McDonald, Stuart W. Harrington, and O. Theron Clagett, Feb., 198

—multiple chondromata: unusual case, Ramsdell Gurney and Louis Cohen, Jan., 48

Ewing's
—primary Ewing's sarcoma of spine, Allison E. Imler, Drew B. Melström, and Franklin B. Bogart, June, 597

—round-cell tumor of bone resembling Ewing's tumor (ab), Robert J. Reeves, March, 313

fibroadenoma
—adenofibrosis mammae, Norwegian Radium Hospital's material 1932-1942 (ab), Rolf B. Engelstad and Rolf Weyde, April, 437

fibromyoma
—roentgen demonstration of benign intramural tumor (fibromyoma) on greater curvature of stomach, Alexander Lewitan and K. K. Nygaard, June, 590

giant-cell
—malignancy of giant-cell tumors: study of giant cell tumors and allied affections in bone, with special reference to their malignancy (ab), Sigurd R. Andersen, June, 620

—roentgen treatment and course of cure of giant-cell tumor in osseous system (10-12 years' cure) (ab), Gösta Jansson, April, 438

glioma
—treatment of bilateral retinoblastoma (retinal glioma) surgically and by irradiation. Report on progress (ab), Hayes Martin and Algernon B. Reese, May, 542

hamartoma. See **Tumors, chondroma**

hypernephroma. See **Kidneys, tumors**

Krukenberg's. See **Ovary, tumors**

lipoma
—intraspinal lipomas. Report of cases, review of literature, and clinical and pathological study (ab), George Ehni and J. Grafton Love, Jan., 102

lymphoblastoma
—of kidney, S. E. Freifeld, May, 507

lymphoma
—comparison of two levels of roentgen and neutron irradiation of normal and lymphomatous mice, using radiophosphorus as an indicator of cellular activity, K. G. Scott, Feb. 173

metastases
—dysgerminoma of ovary with widespread metastases, Eugene P. Pendergrass and Joseph Selman, April, 377

TUMORS—cont.

myeloma

- isolated myeloma in fourteen year old boy (ab), Justus Kaufman, June, 620
- plasma cell tumors of upper part of respiratory tract (ab), Frederick A. Fagi, Albert C. Broders, and Fred Z. Havens, May, 532
- plasmacytoma of bone (ab), William Tennent, March, 301
- solitary myeloma of frontal bone (ab), Charles W. Schwartz, April, 422

neurofibroma

- gastric schwannoma: report of large intragastric lesion simulating a bezoar (ab), Julio Sanguily and Francisco Leon Blanco, Jan., 93

osteoma

- of frontal sinus: report of 5 cases (ab), Jan., 88

seminoma

- dysgerminoma of ovary with widespread metastases, Eugene P. Pendergrass and Joseph Selman, April, 377

Wilms'. See Kidneys, tumors

TWINS

- identical twins: achondroplastic dwarfs (ab), S. J. Goodman, April, 435

U

ULCERS. See Peptic Ulcer; Radiations, injurious effects

ULLMANN, HENRY J.: Cancer of the skin: statistical report, March, 279

ULNA. See Forearm

UNFG, GEORGE A.: Comparative clinical investigation of cholecystographic preparations, May, 489

UNGAR, EMIL: Standardisation of technique in radiotherapy (ab), Feb., 210

URETERS

- study of the ureters in bladder neck obstructions, Fay H. Squire and Herman L. Kretschmer, Jan., 32

abnormalities

- anomalies of ureters and kidneys as observed by the radiologist (ab), Bernard H. Nichols, March, 308

- duplication of right kidney pelvis and ureter with extravesical ureteral opening (ab), Russell J. Moe, March, 308

- pathologic and anomalous conditions associated with duplication of renal pelvis and ureter (ab), Roy Goyanna and Laurence F. Greene, May, 541

cancer

- primary carcinoma, with special reference to hydronephrosis.

- Review of literature and report of unusual case (ab), Joseph A. Lazarus and Morris S. Marks, June, 626

- relationship of epithelial buds to carcinoma of the pelvis of the kidney, ureter and bladder (ab), Albert E. Bothe, Jan., 104

dilation

- renal hypoplasia with hydronephrosis and primary amenorrhea. Report of case (ab), Frank M. Huff and William P. Boger, Jr., June, 625

obstruction

- in children (ab), Charles J. Kickham, April, 436

URETHRA

abnormalities

- accessory channel: case report, E. E. Fong, April, 380

roentgenography

- excretory cysto-urethograms (ab), John W. Draper and Joseph G. Siceluff, Feb., 204

URINARY TRACT

- See also Bladder; Kidneys; Ureters

calcification

- preventive treatment of calcium urolithiasis: important role of early and frequent roentgenographic examinations (ab), R. H. Flocks, Jan., 101

wounds and injuries

- roentgenological considerations (ab), Arthur P. Echternacht, April, 436

UTERUS

- changes in uterus after eradication of endometrial adenocarcinoma by radiotherapy, with particular reference to an infarct-like radio necrotic plaque in lining (ab), John F. Sheehan, Herbert E. Schmitz and Janet E. Towne, Feb., 212

cancer

- carcinoma of cervix: interval report on treatment, results and complications (ab), George V. S. Smith and R. Dresser, June, 628

- changes in uterus after eradication of endometrial adenocarcinoma by radiotherapy, with particular reference to an infarct-like radio necrotic plaque in lining (ab), John F. Sheehan, Herbert E. Schmitz, and Janet E. Towne, Feb., 212

- diagnosis and treatment of carcinoma of fundus (ab), Herbert E. Schmitz, John F. Sheehan, and Janet E. Towne, March, 313

- electroendothemy as adjuvant to radiotherapy (ab), S. Thörén, Feb., 208

- improving the results of treatment in cancer of column of uterus (ab), J. Heyman, April, 437

- indications and limitations of transvaginal roentgen therapy for cancer of cervix, Arthur W. Erskine, May, 458

- irradiation failures in early cervical cancer. Improved radiation or return to surgery? (ab), Franz Buschke and Simeon T. Cantril, May, 543

- present status of diagnosis and treatment of carcinoma (ab), Hugh F. Hare, May, 543

- principles of treatment of carcinoma cervix uteri by radiotherapy (ab), Bernard Sandler, Jan., 104
- problem of secondary infection in carcinoma of cervix, Manuel Garcia and Joseph V. Schlosser, May, 448
- treatment of carcinoma of cervix, Juan A. del Regato, June, 579

fibroma

- radiation therapy in fibroids (ab), John D. Peake, June, 629

roentgenography. See Fallopian Tubes, roentgenography

rupture

- hysterosalpingography as diagnostic aid in certain types of ruptured uteri (ab), Joseph B. Sheffery, Jan., 100

V

VAN DEMARK, R. E., and McCARTHY, PAUL V.: March fracture, May, 496

VARICOSE VEINS. See Extremities

VARIX. See Esophagus

VAS DEFERENS

- vaso-seminal urography and its clinical application (ab), Arne Bertelsen and H. H. Wandall, June, 626

VASTINE, JACOB H., 2d, and VASTINE, MARY FRANCES:

- Subcutaneous urography (ab), March, 307

VASTINE, MARY FRANCES. See VASTINE, JACOB H., 2d

VEINS

vertebral

- clinical anatomy (ab), Martin Norgore, Feb., 204

VENAE CAVAE

- occlusion of superior vena cava due to syphilitic mediastinitis. Collateral circulation after nineteen years (ab), Frederic D. Zeman, June, 615

VENTRICULOGRAPHY. See Seminal Vesicles

VICTOR, ABRAHAM W. See GOLDMAN, LEONARD B.

VICTOREEN, J. A., ATLEE, Z. J., and TROUT, E. D.: Behavior of thimble chambers when used for the measurement of very soft radiation (ab), Feb., 211

VIDEBÆK, AAGE: Singular case of the Plummer-Vinson syndrome (ab), May, 536

- Solitary and multiple carcinomas of upper alimentary tract: their location, age and sex incidence, and correlation with the Plummer-Vinson syndrome (ab), June, 617

—See THYGESEN, JØRGEN E.

VILLAUME, IRGENS. See THYGESEN, JØRGEN E.

VISCERA

transposition

- dextrocardia with situs inversus complicated by chronic rheumatic aortic and mitral endocarditis (ab), George W. Parson, June, 616

VITAMINS

B

- clinical significance of alteration of small intestine pattern as demonstrated by x-ray (ab), Julian M. Ruffin, George J. Baylin, and David Cayer, March, 299

D

- evidence of peripheral action of vitamin D from x-ray diffraction studies (ab), C. I. Reed and B. P. Reed, March, 318

- tissue calcification and renal failure produced by massive dose vitamin D therapy of arthritis (ab), T. S. Danowski, A. W. Winkler, and J. P. Peters, June, 624

VOLVULUS. See Intestines; Stomach

VOTTA, PAUL J. See RITVO, MAX

W

WAGGONER, IRVING M. See KARPEL, SAUL

WAGNER, AAGE: Four cases of diaphragmatic intumescence (ab), June, 619

WAINE, H., BENNETT, G. A., and BAUER, W.: Joint disease associated with acromegaly (ab), March, 305

WALDENSTRÖM, JAN: Relapsing, diffuse, pulmonary bleeding or hemosiderosis pulmonum—a new clinical diagnosis (ab), May, 533

WALDMAN, SAMUEL: Transient heart block in congenital heart disease (ab), May, 535

WALL, MARGARET J. See SHELDON, WALTER H.

WALLDÉN, LENNART: Administration of contrast medium in urography via the bone marrow (ab), May, 541

- On the roentgen diagnosis of space-restricting processes in the small pelvis (ab), April, 430

WANDALL, H. H. See BERTELSEN, ARNE

WAR

- See also Aviation and Aviators; Military Medicine; Naval Medicine; Recruits

- tuberculosis in World War II (symposium) (ab), Council on Military Affairs and Public Health, American College of Chest Physicians, April, 424

WARD, CHARLES S., Jr. See PLATT, WILLIAM R.

WARNER, W. P. See ADAMSON, J. D.

WARREN, SHIELDS: Therapeutic use of radioactive phosphorus (ab), May, 545

WATKINS, CHARLES H. See HALL, BYRON E.

WATT, JAMES: Effect of deep x-rays on the peritoneal metastases of an ovarian carcinoma (ab), Jan., 104

WEATHERWAX, J. L. See CARDENAS, L.

WECKESSER, E. C. See McGAW, W. H.

WEENS, H. STEPHEN: Calcification of the intervertebral discs in childhood (ab), Jan., 97

WELCH, CECIL CHARLES (obit), April, 414

WELDERS AND WELDING

—clinical physiological observations on welders with pulmonary siderosis and foundry men with nodular uncomplicated silicosis (ab), Norbert Enser, Ernst Simonson, and A. M. Evans, May, 534

WELIN, SÖLVE: On the roentgen diagnosis of cholesteatoma in the temporal bone (ab), May, 531

—See ÅKERLUND, ÅKE

WESTERMARK, NILS: Method for determining the blood pressure in the pulmonary artery (ab), Feb., 205

—On the influence of the intra-alveolar pressure on the normal and pathological structure of the lung (ab), April, 422

WEYDE, ROLF: See ENGELSTAD, ROLF B.

WHITELEATHER, R. E., SEMMES, R. E., and MURPHEY, FRANCIS: Roentgenographic signs of herniation of the cervical intervertebral disk, March, 213

WHITMORE, WILLIAM H., and PETERSON, GERALD M.: Henod's pumura: Small intestinal changes. Case report, April, 372

WIENER, KURT: Cancer treatment with radium bearing moulds (ab), Jan., 103

WILES, F. J.: See DORMER, B. A.

WILEY, H. M.: See ACKERMAN, LAUREN V.

WILLIS, R. A., and ROSENTHAL, D. B.: Incidence of extrapulmonary tuberculous infection in fatal pulmonary tuberculosis (ab), May, 533

WILMS' TUMOR: See Kidneys, tumors

WILSON, C. W.: Energy absorption in the trunk in the radium treatment of breast cancer by interstitial and surface applicator methods, April, 364

—See GLUCKSMANN, A.

WILSON, HUGH M., and LUTZ, WALTER G.: Lesions of the aqueduct of Sylvius, Feb., 132

WILSON, NORMAN J.: Early diagnosis of diseases of the chest (ab), Jan., 89

WINKLER, A. W.: See DANOWSKI, T. S.

WISSENBERG, PAULA: Dose distribution in rotary irradiation with rotation treatment of cancer of the rectum (ab), May, 546

WOLFE, H. R. L., and ROBERTSON, J. M.: Fatigue fracture of femur and tibia (ab), June, 625

WOMACK, NATHAN A.: See ALLEN, HARRY

WOODHALL, BARNEs.: See McCUNE, WM. S.

WRIGHT, D. O., and GOLD, EDWIN M.: Loeffler's syndrome associated with creeping eruption (cutaneous leishmaniasis) (ab), June, 614

WRIGHT, R. WESLEY, and BOYD, HAROLD M. E.: Aero-sinusitis (ab), Feb., 193

WRIST

—anomalous fusion of scaphoid and greater multangular bone (ab), M. G. Henry, March, 305

X-Y-Z

YANG, Y.: See KHOO, F. Y.

ZEMAN, FREDERIC D.: Occlusion of the superior vena cava due to syphilitic mediastinitis. Collateral circulation after nineteen years (ab), June, 615



June 1946

Lesions of the
s of the chest

y irradiation
experiments
rectum (ab),
the fracture of

S.
Beffler's syn-
staneous be-

I. E.: Aero-

multangular

or vena cava
l circulation